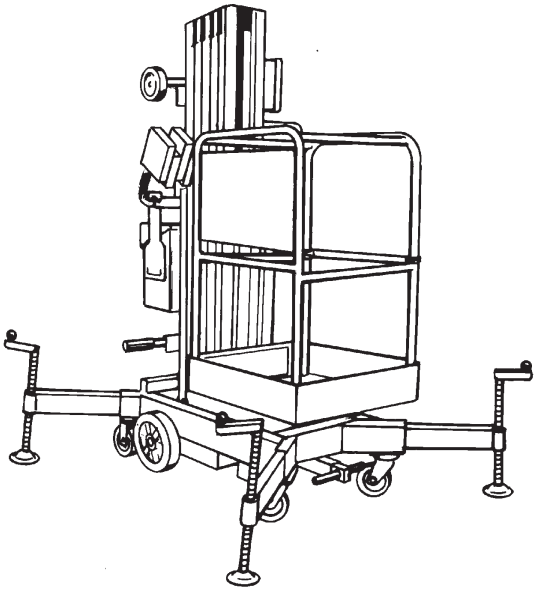
Genie Industries

Technical Publications

Genie® AWP

Operator's Manual



Fourth Edition, First Printing
Part No. 33424

Genie® AWP

Important

Read, understand and obey these safety rules and operating instructions before operating this machine. Only trained and authorized personnel shall be permitted to operate this machine. If you have any questions, call Genie Industries.

Contents

	Page
Safety Rules	1
Controls	6
Legend	7
Pre-operation Inspection & Function Tests	8
Operating Instructions	10
Battery and Charger Instructions	11
Transport Instructions	12
Tilt-back Operation Instructions	14
Maintenance Inspection	16
Decals	18
Specifications	21

Genie North America

Telephone (206) 881-1800
Toll Free 800 536-1800 in U.S.A.
Toll Free 800 426-8089 in Canada
Fax (206) 883-3475

Genie Europe

Telephone (44) 0636-813943
Fax (44) 0636-815270

Genie® Industries

Copyright © 1993 by Genie Industries

Third Edition: First Printing, March 1993
Second Printing, June 1994

Fourth Edition: First Printing, July 1994

Genie® is a registered trademark of Genie Industries

Registered 2009987

U.S.A. Patent No. 5,121,816
U.S.A. Patent No. 5,105,913

Printed on recycled paper

Printed in U.S.A.

Safety Rules

Danger

Failure to obey the instructions and safety rules in this manual will cause death or serious injury.

Do Not Operate Unless:

- ☑ You are trained to safely operate the machine.
- ☑ You read, understand and obey:
  - manufacturer's instructions and safety rules—operator's manual and machine decals
  - employer's safety rules and worksite regulations
  - applicable governmental regulations
- ☑ You inspect the entire machine for possible damage and test all machine functions for proper operation.
- ☑ The first time this machine is set up for use, a breather cap is installed (see *Breather Cap*, page 8).

SAFETY RULES

Tip-over Hazards

Do not raise platform unless base is level, all four outriggers are properly installed and leveling jacks firmly contact floor.

Do not adjust or remove outriggers while platform is occupied or raised.

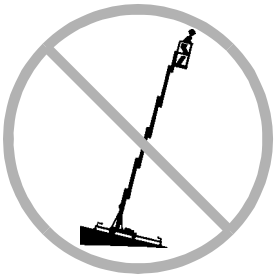
Do not move machine while the platform is raised.

Do not place or attach overhanging loads to any part of this machine.

Do not push off or pull toward any object outside the platform.

Do not place ladders or scaffolds in platform or against any part of this machine.

Do not use machine to lift material or equipment. Machine is intended for personnel access only.



Do not raise platform unless machine is on firm, level surface.

Do not use machine on a moving or mobile surface or vehicle.

Do not raise platform in strong or gusty winds.

Do not exceed rated platform load capacity.

Maximum capacity		
AWP-19	300 lbs	136kg
AWP-24	300 lbs	136kg
AWP-30	300 lbs	136kg
AWP-36	250 lbs	113kg
Maximum occupancy		1 person

Do not operate machine near drop-offs, holes, bumps, debris, unstable or slippery surface or other possible hazardous conditions.

Do not alter or disable machine components that in any way affects safety and stability.

Do not replace items critical to stability with items of different weight or specification. Use only Genie authorized replacement parts.

When moving the machine with a forklift or other transport vehicle, platform should be fully lowered, machine should be turned off and no personnel shall remain in platform.

Do not push the Genie AWP from the platform side of the machine.

Fall Hazards

Do not sit, stand or climb on platform guard rails. Maintain a firm footing on the platform floor at all times.

Do not exit platform while raised. If a power failure occurs, have ground personnel activate manual lowering valve.

Keep platform floor clear of debris.

Lower platform entry mid-rail before operating.

Electrocution Hazards

This machine, even with an optional fiberglass platform, is not electrically insulated and will not provide protection from contact with or proximity to electrical current.

Keep away from machine if it contacts energized power lines or becomes electrically charged. Personnel on ground or in platform must not touch or operate machine until energized power lines are shut off.

Maintain safe distances from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart.

Voltage	**Minimum Safe Approach Distance**	
Phase to Phase	**Feet**	**Meters**
0 to 300V	Avoid Contact	
300V to 50KV	10	3.05
50KV to 200KV	15	4.60
200KV to 350KV	20	6.10
350KV to 500KV	25	7.62
500KV to 750KV	35	10.67
750KV to 1000KV	45	13.72

Allow for platform movement, electrical line sway or sag and movement due to strong or gusty winds.

Do not use machine as a ground for welding.

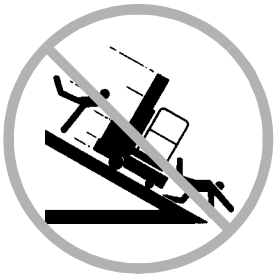
Do not operate AC powered machine or DC battery charger unless using a 3-wire grounded extension cord connected to a grounded AC circuit. Do not alter or disable 3-wire grounded plugs.

SAFETY RULES

Collision Hazards

Check work area for overhead obstructions or other possible hazards.

Be aware of crushing hazard when grasping the platform guard rail.



Do not lower the platform unless the area below is clear of personnel and obstructions.

Be careful when transporting on incline.

Stay clear of descending platform.

Improper Use Hazards

Do not leave machine unattended unless key is removed to secure from unauthorized use.

Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Conduct a thorough pre-operation inspection of machine and test all functions before each work shift. Immediately tag and remove from service a damaged or malfunctioning machine.

Be sure all maintenance has been performed as specified in this manual and the Genie AWP service manual.

Be sure all decals are in place and legible.

Be sure operator's manual is legible, complete and in the operator's manual storage container located in the platform.

Decal Legend

Genie product decals use color coding and signal words to identify the following:

⚠DANGER Red—used to indicate the presence of a hazard that **will** cause death or serious injury.

⚠WARNING Orange—used to indicate the presence of a hazard that **may** cause death or serious injury.

⚠CAUTION Yellow—used to indicate the presence of a hazard that **will** or **may** cause serious personal injury or damage to the machine.

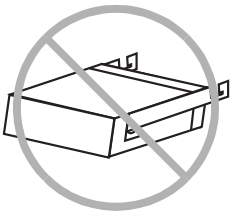
NOTICE Green—used to indicate operation or maintenance information.

Battery and Charger Safety - DC Models

Burn Hazards

Batteries contain acid. Always wear protective clothing and eyewear when working with batteries.

Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.



Battery pack must remain in upright position.

Explosion Hazards

Batteries emit explosive gas. Keep sparks, flames and lighted tobacco away from battery.

Charge batteries in a well-ventilated area.

Do not disconnect charger DC output wires from battery when charger is on.

Electrocution Hazards

Connect charger to a grounded AC circuit only.

Do not expose battery or charger to water and/or rain.

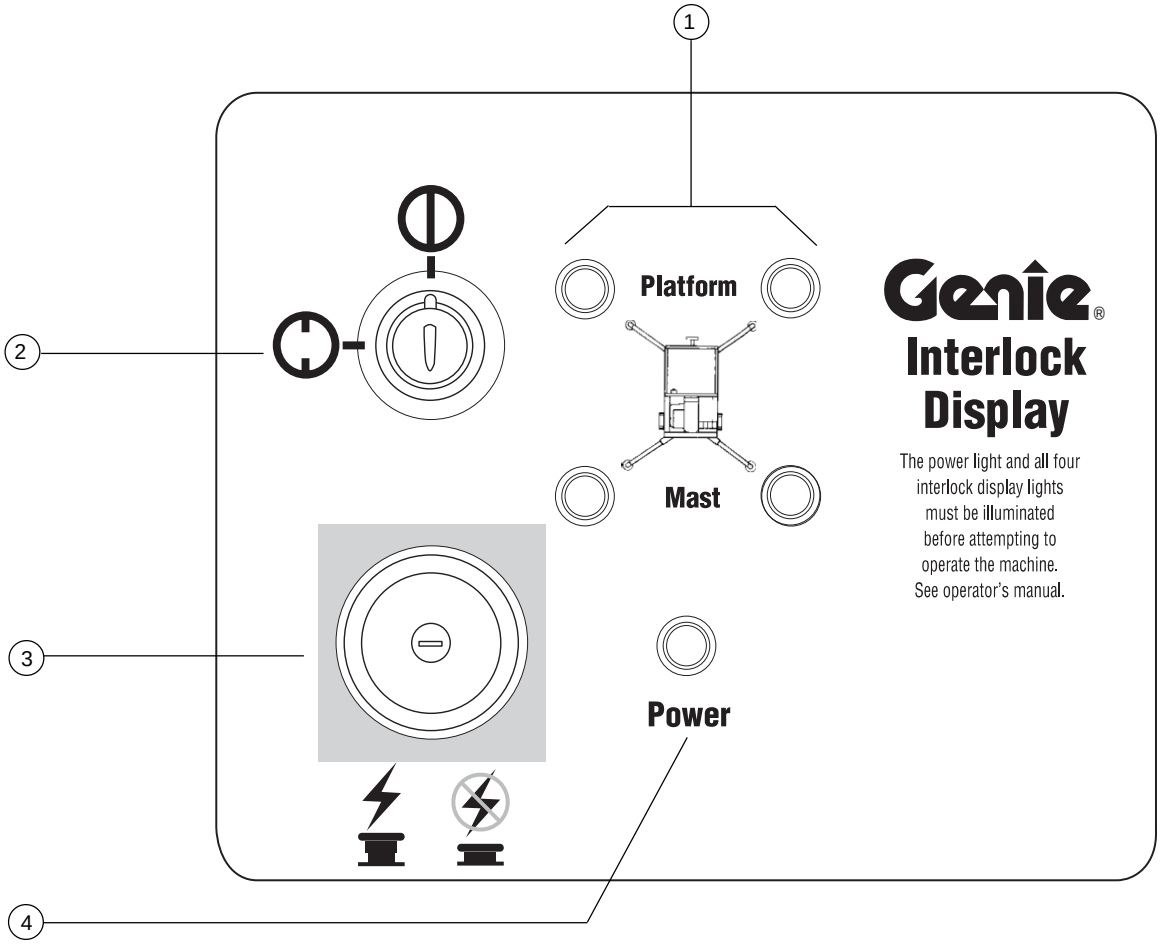
Before each use, inspect for damage. Replace damaged items before operating.

Lifting Hazard

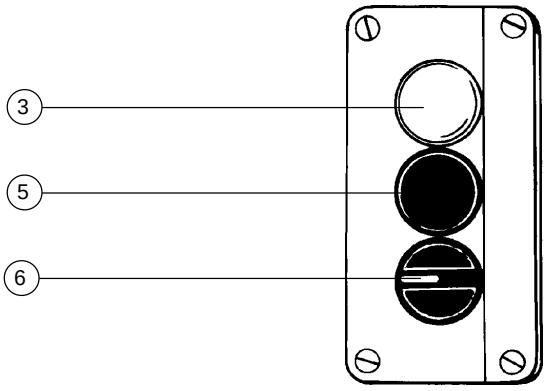
Battery pack weighs 80 lbs (36kg). Two people should lift it together.

Controls

Ground Controls

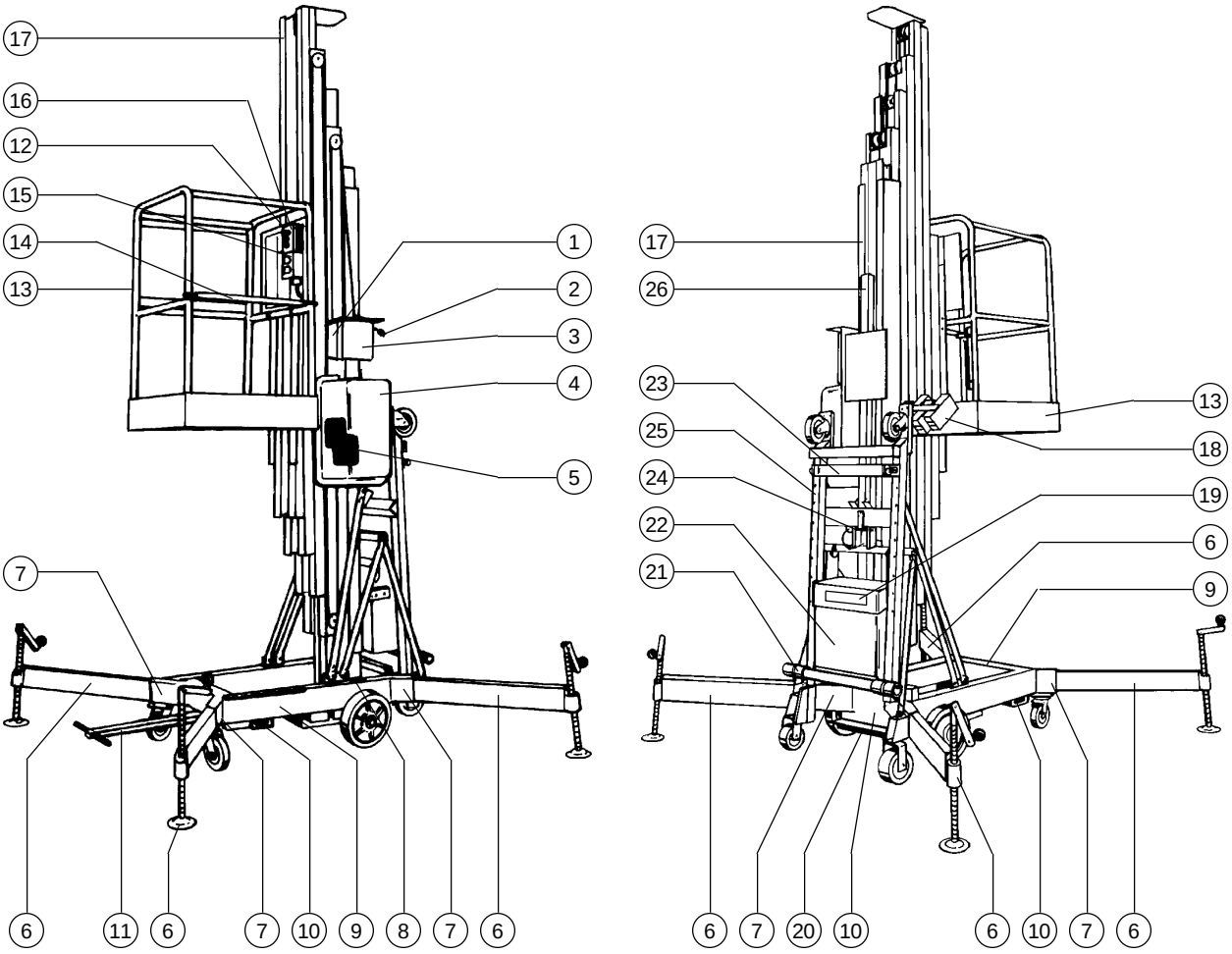


Platform Controls



1 Outrigger interlock display lights (four)
2 Key switch
3 Emergency stop button
4 Power light
5 Control activate button
6 Up/Down switch

Legend



Model shown is a Genie AWP-36 and is representative of all AWP models.

1 Fuse(s)
2 AC power supply cord
3 Ground controls
4 Hydraulic power unit
5 Manual lowering valve
6 Outrigger with leveling jack
7 Base outrigger socket
8 Bubble level
9 Base
10 Transport tie down
11 Sliding T-handle
12 Operator's manual storage container
13 Platform
14 Platform entry mid-rail
15 AC outlet
16 Platform controls
17 Mast
18 Outrigger storage socket
19 Battery charger (DC models)
20 Forklift pocket
21 Loading pivot bar
22 Battery pack (DC models)
23 Loading stop bracket
24 Retaining pin (Genie AWP 30 & 36)
25 Tilt-back frame (Genie AWP 30 & 36)
26 Tilt-back strut (Genie AWP 30 & 36)

Pre-operation Inspection & Function Tests

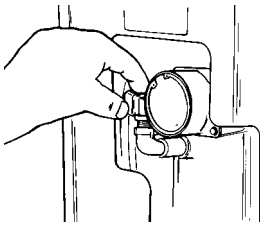
Observe and Obey:

- ☑ Conduct a thorough pre-operation inspection and function test before each work shift.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunctions before operating machine.

Breather Cap

Component damage will occur if the machine is operated without a breather cap.

The first time this machine is set up for use, the pipe plug in the hydraulic reservoir should be removed and permanently replaced with a breather cap.



A breather cap is supplied and can be found in an envelope taped to the mast near the platform controls.

Pre-operation Inspection

Be sure that all decals are legible and in place.

Be sure that the operator's manual is legible and in the storage container located in the platform.

Check for damage and improperly installed or missing parts:

- Electrical components, wiring and electrical cables
- Hydraulic power unit, hoses, fittings and cylinder
- Platform entry mid-rail
- Sequencing cables and pulleys
- Lifting chains and idler wheels
- Nuts, bolts and other fasteners
- Weld or structural cracks
- Mast columns and counterweight
- Breather cap
- Outriggers, leveling jacks and footpads

Perform quarterly and annual machine inspections. Keep records for three years. See the Genie AWP service manual for details.

Function Tests

1 Select a test area free of obstructions.

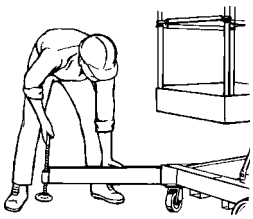
2 Connect appropriate power source.

3 Turn the key switch to the ON position.

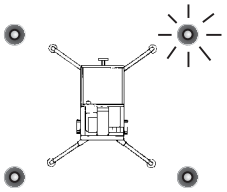
⊙ Result: The power light should come on.

4 Pull out the red Emergency Stop button to the ON position.

5 Select an outrigger and slide it into a base socket until the outrigger lock pin snaps into place. Bring the outrigger leveling jack into firm contact with ground.



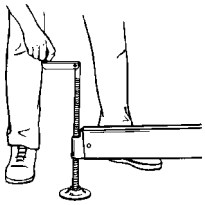
6 Check the interlock display lights at the ground controls. Confirm that the corresponding light is on.

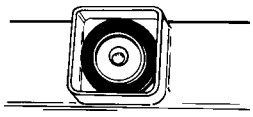


7 Repeat procedure for each of the remaining outriggers.

Test Emergency Stop

8 Use the bubble level and adjust leveling jacks until the machine base is level.



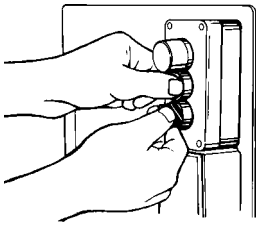


9 Twist to release the red Emergency Stop button at the platform controls.

10 Push in the red Emergency Stop button at the ground controls to the OFF position.

11 Push in the control activate button and rotate the up/down switch in the direction of intended travel.

⊙ Result: Up/Down functions should **not** operate.



12 Push in the red Emergency Stop button at the platform controls to the OFF position.

13 Pull out the red Emergency Stop button at the ground controls to the ON position.

14 Push in the control activate button and rotate the up/down switch in the direction of intended travel.

⊙ Result: Up/Down functions should **not** operate.

Test Outrigger Interlock

15 Twist to release the red Emergency Stop button at the platform controls.

16 Pull out the red Emergency Stop button at the ground controls to the ON position.

⊙ Result: Up/Down functions should operate.

17 Unscrew one leveling jack until the corresponding interlock display light turns off.

⊙ Result: Up/Down functions should **not** operate.

18 Return the leveling jack to previous setting and check the bubble level.

19 Repeat procedure for each outrigger.

Test Manual Lowering

20 Raise platform slightly.

21 Activate the manual lowering valve located on the hydraulic power unit.

⊙ Result: Platform should descend.

Operating Instructions

Before Each Use:

- ☑ Read, understand and obey all safety rules (see *Safety Rules*, page 1).
- ☑ Conduct a thorough pre-operation inspection of the machine (see *Pre-operation Inspection*, page 8).
- ☑ Test all machine functions for proper operation (see *Function Tests*, page 9).
- ☑ Repair any machine damage or malfunctions before operating the machine.

Setup

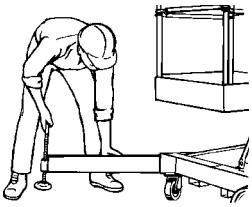
1 Position machine on a firm, level surface directly below desired work area.

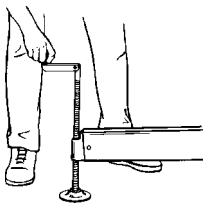
2 Connect to appropriate power source:
DC models: Connect battery pack.
AC models: Connect to a grounded 15A AC power supply. Use a 12 gauge (3.3mm^2) 3-wire grounded extension cord no longer than 50 feet (13m).

3 Insert key and turn to the ON position.

4 Pull out the red Emergency Stop button and be sure the power light is on.

5 Install outriggers and adjust to level the machine and raise base casters slightly off the ground.

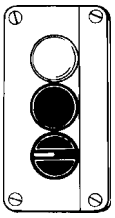




6 Check the interlock display. Be sure that all four interlock display lights are on.

Emergency Stop

Push in the red Emergency Stop button at platform controls or at ground controls to stop all functions.



Manual Lowering

1 Activated from ground only.

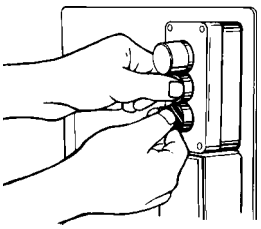
2 Activate manual lowering valve located on hydraulic power unit to lower platform.

Platform Raise and Lower

1 Follow *Setup* procedure.

2 Twist to release the red Emergency Stop button.

3 Push in control activate button and rotate the up/down switch in the desired direction of travel.



After Each Use

1 Select a safe storage location—firm, level surface, weather protected, clear of obstruction and traffic.

2 Chock wheels to prevent machine from rolling.

3 Remove key to secure from unauthorized use.

4 DC models: Disconnect battery pack and recharge battery.

Battery and Charger Instructions

Observe and Obey:

☑ Do not use external charger or booster battery.

☑ Charge battery in a well-ventilated area.

☑ Use proper AC input voltage for charging as indicated on charger.

☑ Use only Genie authorized battery and charger. CSA applicable model:
Manual Lester charger 06685 or 06670
Automatic Lester charger 15840-90

To Charge Battery

1 **Manual charger models**: Disconnect the battery pack from the machine.

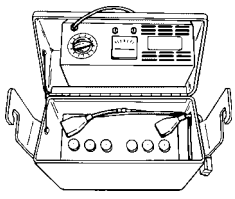
2 Open battery pack lid to access battery.

3 Remove the battery vent caps and check the battery acid level. If necessary, add only enough water to cover the plates. Do not overfill prior to charging cycle.

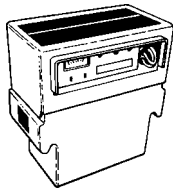
4 Replace the vent caps.

Style A models: Battery pack lid must remain open during entire charging cycle.

Style B models: Battery pack lid can remain open or closed during the charging cycle.



Style A



Style B

5 Connect the battery charger to grounded AC circuit.

6 **Automatic charger models**: Set the power switch to the AUTO position. Charger will start after a short delay.

Manual Charger models: Set the timer based on the amount of use:

Light use—less than 15 lifting cycles: Set to 7 hours.

Heavy use—greater than 15 lifting cycles: Set to ON position.

7 **All models**: The charger will automatically shut off at end of the set period.

Manual charger models: If ampere meter drops to 3A or less within the first 15 minutes, the battery is fully charged and the battery charger should be turned off.

8 Disconnect the AC supply.

9 Check the battery acid level when the charging cycle is completed. Replenish with water to the bottom of the fill tube.

Dry Battery Filling and Charging Instructions

1 Remove battery vent caps and permanently remove plastic seal from battery vent openings.

2 Fill each cell with battery acid (electrolyte) until level is sufficient to cover plates.

Do not fill to maximum level until battery charge cycle is complete. Overfilling can cause the battery acid to overflow during charging. Neutralize battery acid spills with baking soda and water.

3 Install the vent caps.

4 Charge the battery.

5 Check the battery acid level when the charging cycle is complete. Replenish with water to the bottom of the fill tube.

OPERATING INSTRUCTIONS

Transport Instructions

Observe and Obey:

- ☑ Be sure vehicle capacity and loading surfaces are sufficient to support machine weight (see *Specifications*, page 21). Some pick-up truck tailgates are not strong enough to support the weight of the machine and may require reinforcement.
- ☑ Do not load machine onto a vehicle unless it is parked on a level surface.
- ☑ Transport vehicle must be secured to prevent rolling while machine is being loaded.
- ☑ Lifting force needed to tilt machine onto transport vehicle requires two people.
- ☑ Machine must be securely fastened to transport vehicle.
- ☑ Be sure to lock both swivel casters on tilt-back frame (Genie AWP-30 & 36).
- ☑ Do not transport with the tilt-back frame in the lowered position.

Loading for Transport

1 Fully lower platform.

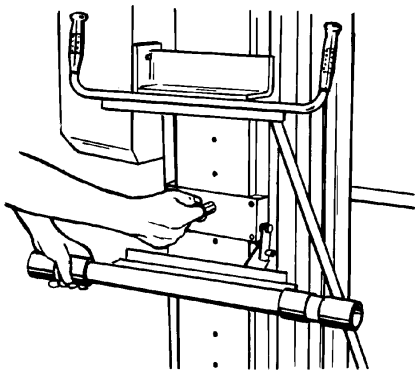
2 Push in red Emergency Stop buttons, turn key switch to the OFF position and remove key.

3 Remove outriggers from base and place in storage sockets.

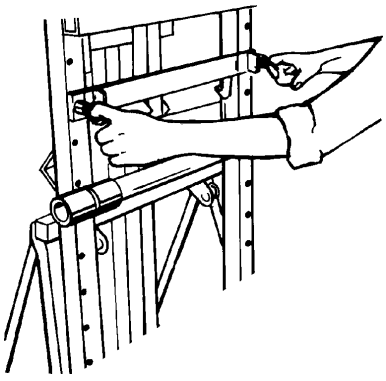
4 DC models: Disconnect battery cable and remove battery pack.

5 Inspect entire machine for loose or unsecured items.

6 Slide the stop bracket to the top lock position.



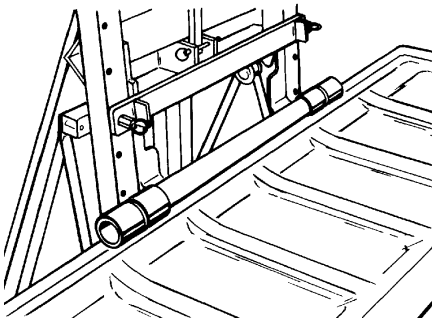
Genie AWP-19 & 24



Genie AWP-30 and 36

6 Hook loading pivot to stop bracket.

7 Position machine flush against loading surface. Lower and lock stop bracket to the lowest lock pin position above loading surface.



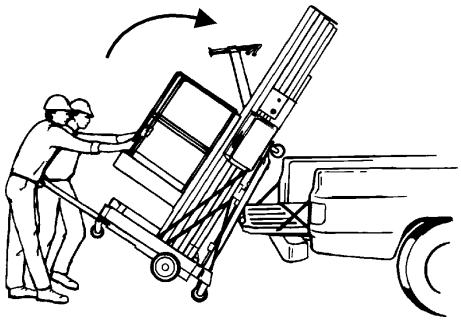
8 AWP 30 and 36 models:

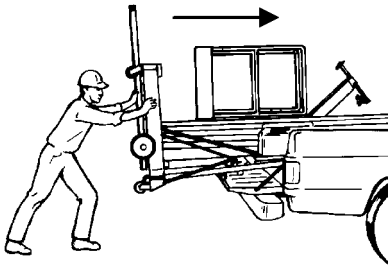
Be sure both stop bracket lock pins are fully engaged.

Be sure both tilt-back frame swivel casters are locked.

9 Slide out T-handle until lock pin snaps into place.

10 Two people should lift T-handle to tilt machine onto loading surface.





11 Carefully push machine into transport position.

12 Return sliding T-handle to stowed position.

13 Secure the machine base and mast to the transport vehicle. Use chains or straps of ample load capacity.

14 Reverse procedure to unload.

OPERATING INSTRUCTIONS

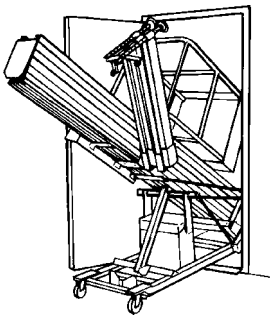
Tilt-back Operation Instructions

Observe and obey:

- ☑ Retaining pin must be inserted to prevent spring loaded tilt-back frame from dropping.
- ☑ Do not tilt the machine back unless area is clear of personnel and obstructions.
- ☑ Do not stand behind or under tilt-back frame when raising or lowering it.
- ☑ Lifting force necessary requires two people.

Tilt-back Frame

The Genie AWP-30 & 36 have a tilt-back frame which allow the machine to roll through a standard doorway.

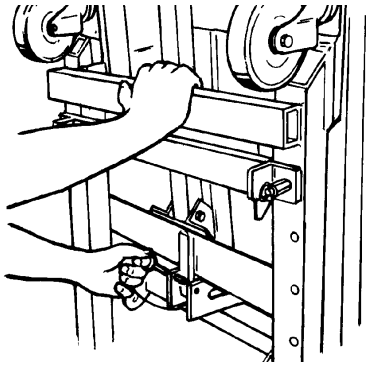


Lowering Tilt-back Assembly

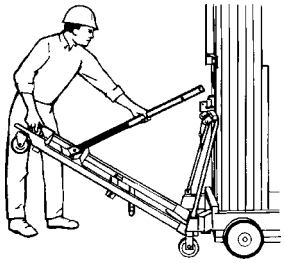
1 Be sure area behind machine and under tilt-back frame is clear of personnel and obstructions.

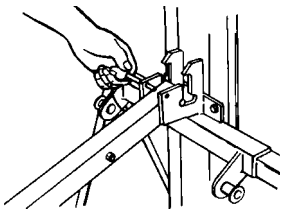
2 Remove outriggers from base and place in storage sockets.

Tilt-back frame is spring loaded and will immediately fall outward when retaining pin is removed. Maintain firm grasp on tilt-back frame and remove retaining pin.



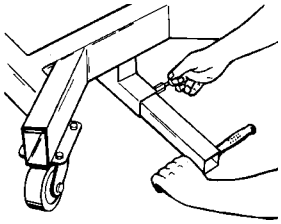
3 Lower tilt-back frame and guide the tilt-back strut into the strut socket.





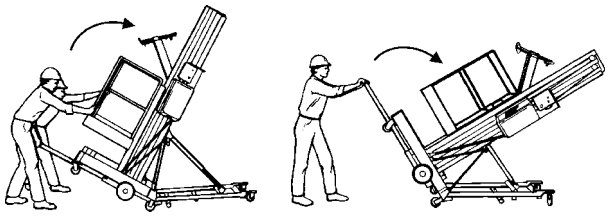
4 Insert retaining pin into strut socket.

Tilting back Machine



1 Slide out T-handle until lock pin snaps into place.

2 Two people should lift the machine with the T-handle to mid-tilt position—casters on tilt-back frame contact floor, and machine supported by extended tilt-back strut.

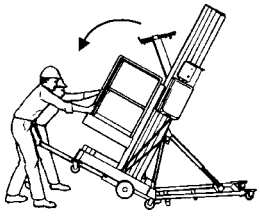


3 Continue lifting until telescoping tilt-back strut is completely compressed.

Returning Machine To Standing Position

1 Be sure area below machine base and T-handle is clear of personnel and obstructions.

2 Carefully pull down T-handle until machine rests at mid-tilt position.

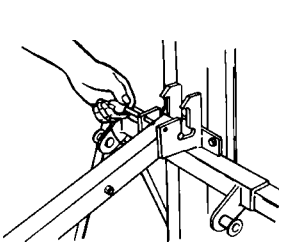


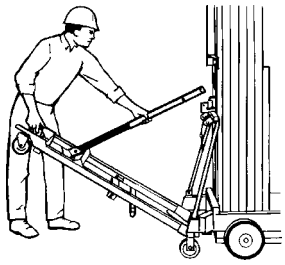
3 Two people should lower the machine with the T-handle until base casters are in contact with ground.

4 Return sliding T-handle to stowed position.

Stowing Tilt-back Assembly

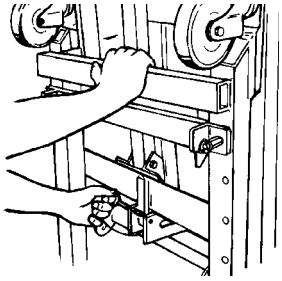
1 Remove retaining pin.





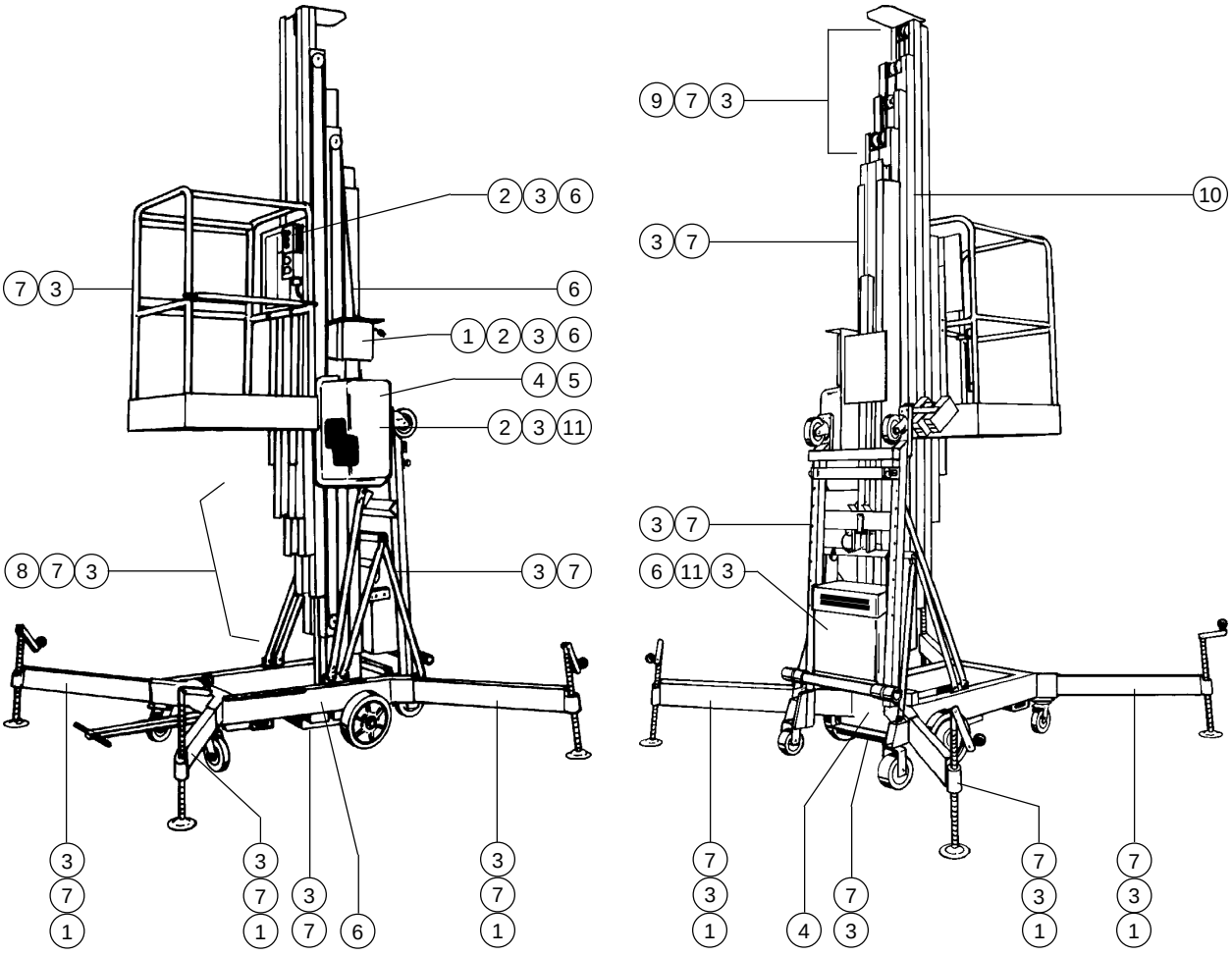
2 Firmly grasp tilt-back frame and remove tilt-back strut from strut socket.

3 Lift tilt-back frame, hold in upright position against spring and secure with retaining pin.



Maintenance Inspection

- ☑ The Maintenance Inspection shall be completed daily by a person trained and qualified on the maintenance of this machine.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunctions before operating machine.



Daily Check List

Make copies of this checklist to use for each inspection.

	Index No.	
☐		Inspect decals and placards for damage and legibility (see *Decals,* page 18).
☐	1	Inspect and test outrigger interlock system.
☐	2	Check operation of all power and function controls.
☐	3	Inspect for damaged, loose or missing parts.
☐	4	Inspect hydraulic components for leaks and damages.
☐	5	Check hydraulic oil level.
☐	6	Check cables and wiring for frays, abrasion or physical damage.
☐	7	Check that all structural and other critical components are present and all fasteners and pins are in place and properly tightened.
☐	8	Inspect lifting chains for proper adjustment.
☐	9	Inspect lifting chains and idler wheels for damage and proper operation.
☐	10	Inspect sequencing cables for damage and proper operation.
☐	11	Inspect and clean battery terminals and all battery cable connections.

Notes: Perform quarterly (or every 150 hours) and annual machine inspections. Keep records for three years. See the Genie AWP service manual for details.

Inspected By

Date

Serial No.

Model ☐ AC ☐ DC ☐ 19 ☐ 24 ☐ 30 ☐ 36

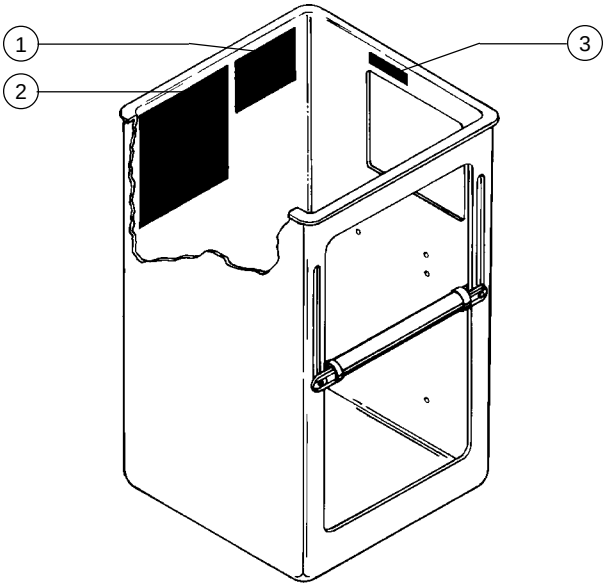
Decals

Index	Part No. Decal Description	Quantity
1	31237 Notice - Before Each Work Shift	1
2	31243 Danger - General Safety	1
3	31071 Warning - Failure to Read/Obey Manual	1
4	31072 Label - Operator's Manual Storage Container	1
5	33597 Label - Fuses (AC models only)	1
6	31074 Label - ANSI/Patents	1
7	33598 Label - Interlock Display	1
8	27845 Notice - Manual Lowering Lever Caution - Collision Hazard (descending platform) or 32986 Notice - Manual Lowering Knob Caution - Collision Hazard (descending platform)	1 1
9	31245 Warning - Collision Hazard (runaway lift)	1
10	31076 Caution - 8A Maximum, 115V AC	1
11	28157 Notice - Dexron	1
12	27857 Caution - Pipe Plug	1
13	1699 Safety Tape	—
14	27865 Label - Bubble Level	1
15	27863 Caution - Component Damage Hazard	3
16	27839 Label - Sliding T-handle	1
17	31311 Label - AWP-19 or 31312 Label - AWP-24 or 31452 Label - AWP-30 or 31453 Label - AWP-36	2 2 2 2
18	31067 Notice - Operating Instructions	1
19	27870 - Genie AWP-19, 24 & 30 only Notice - Maximum Capacity, 300 lbs. or 27869 - Genie AWP-36 only Notice - Maximum Capacity, 250 lbs.	1 1
20	27872 Danger - Tip-over Hazard (outriggers)	1
21	27841 Label - Stop Bracket	1
22	27842 Label - Loading Pivot	1
23	27864 Notice - Lower Stop Bracket before ...	1
24	27868 Danger - Relief Valve	1
25	27867 Label - Swivel Lock	2
26	27873 Notice - Maintain firm grasp on ...	1
27	27844 Label - Strut Socket	1
28	27840 Label - Retaining Pin	1
29	27843 Label - Tilt-back Strut	1

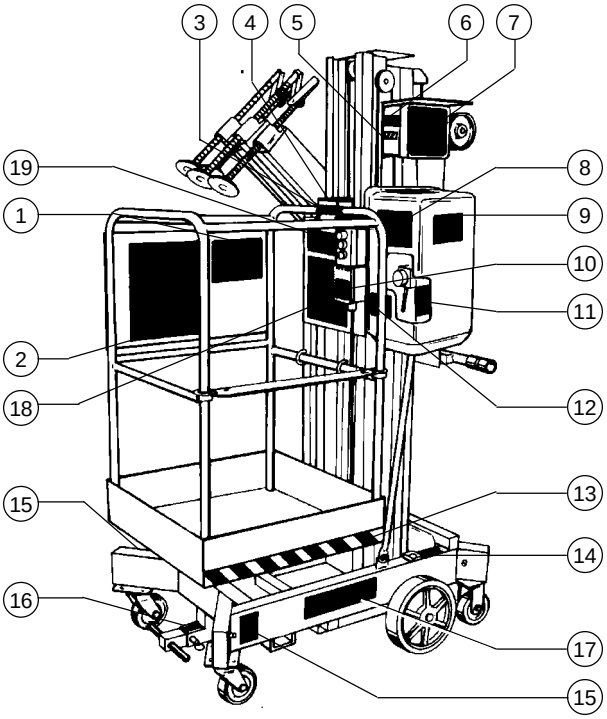
DECALS

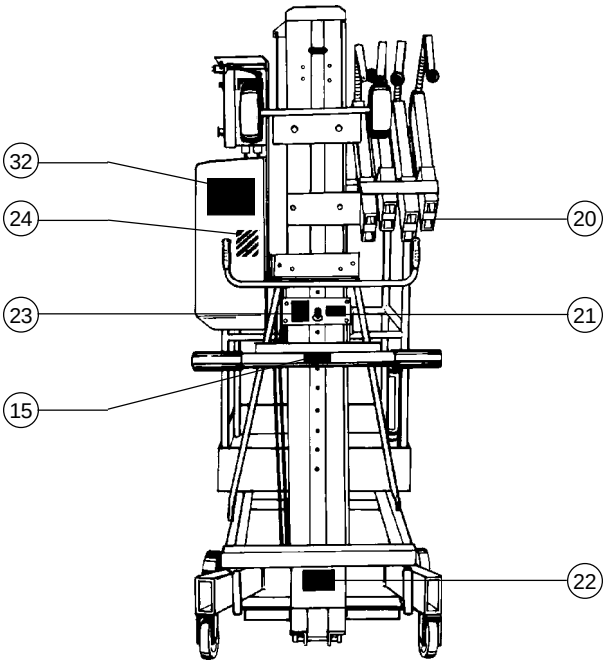
Index	Part No. Decal Description	Quantity
30	27838 Warning - Tilt-back Hazards Notice - Tilt-back Instructions	1
31	27874 Label - Insert retaining pin into ...	1
32	31070 Danger - Tip-over Hazard (moving machine)	1
33	31068 Danger - Battery Safety Notice - Battery Charger Instructions	1
34	28372 Caution - Quick Disconnect	1
35	28398 Danger - Battery Safety (manual charger)	1
36	27856 Caution - Component Damage (manual charger)	1
37	27853 Notice - Battery Charger Instructions	1

Fiberglass Platform Option



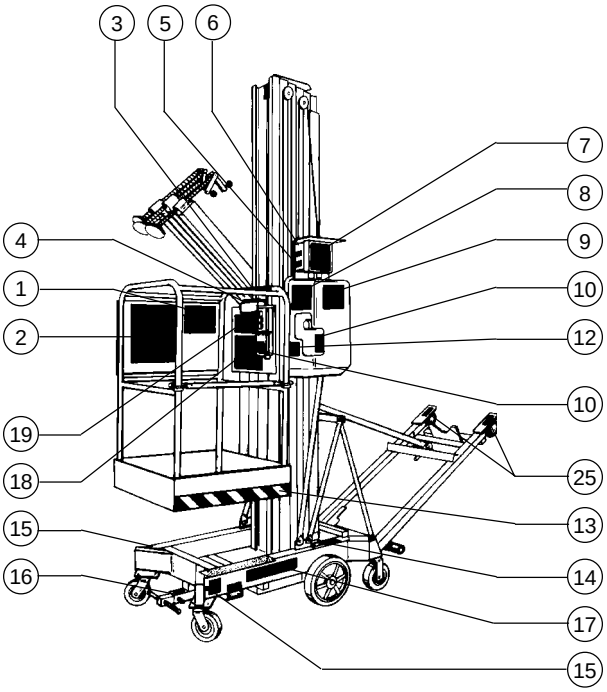
AWP-19 & 24



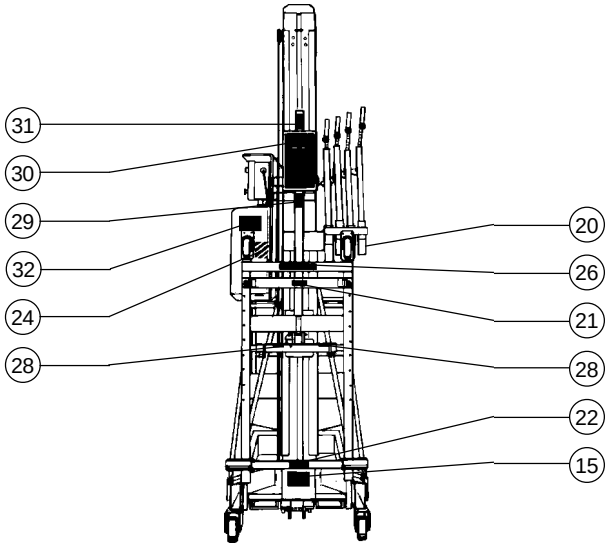


DECALS

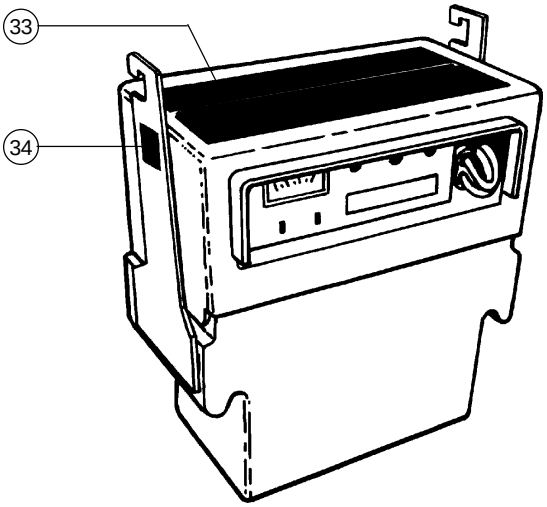
AWP-30 & 36

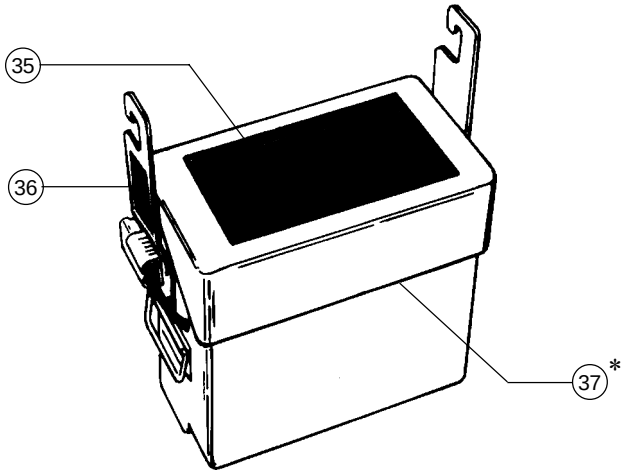


Battery Pack - Automatic Charger



Battery Pack - Manual Charger





*This decal is visible when battery pack cover is raised.

Specifications

Model	AWP-19	AWP-24	AWP-30	AWP-36
Height, working maximum	25 ft 6 in 7.8m	30 ft 9.1m	36 ft 11.0m	42 ft 12.8m
Height, platform maximum	19 ft 6 in 5.9m	24 ft 7.3m	30 ft 9.1m	36 ft 11.0m
Lift capacity	300 lbs 136kg	300 lbs 136kg	300 lbs 136kg	250 lbs 113kg
Power source DC model AC model	 12V 110V or 220V	 12V 110V or 220V	 12V 110V or 220V	 12V 110V or 220V
Machine weight (DC / AC models)	694 / 623 lbs 315 / 283kg	717 / 639 lbs 325 / 290kg	866 / 788 lbs 393 / 357kg	940 / 868 lbs 426 / 394kg
Height, stowed	79 in 200cm	79 in 200cm	93 in 236cm	112 in 284cm
Width	29 in 74cm	29 in 74cm	29 in 74cm	29 in 74cm
Length	47.5 in 120.6cm	47.5 in 120.6cm	51.5 in 130.8cm	51.5 in 130.8cm
Platform length	26 in 66cm	26 in 66cm	26 in 66cm	26 in 66cm
Platform width	26 in 66cm	26in 66cm	26 in 66cm	26 in 66cm
Platform height	43 in 106cm	43 in 106cm	43 in 106cm	43 in 106cm
Outrigger footprint	65 x 58 in 164 x 146.5cm	65 x 58 in 164 x 146.5cm	75 x 73 in 190.5 x 185.5cm	81 x 81 in 205 x 205cm

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

U.S.A.

18340 NE 76th Street

P.O. Box 69

Redmond, Washington

98073-0069

Europe

Market Place

Southwell,

Nottinghamshire

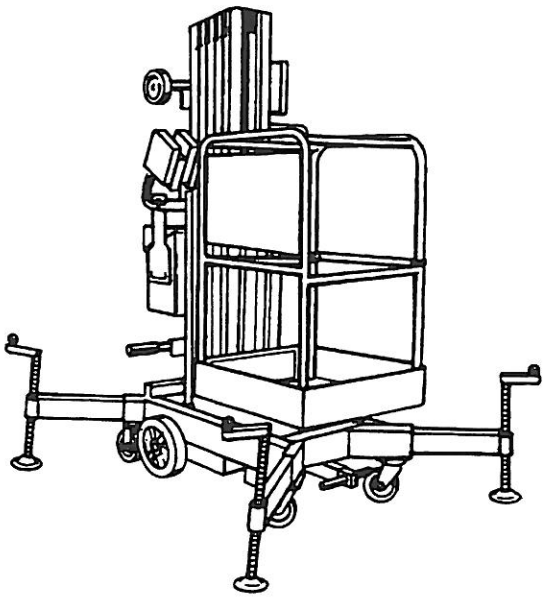
NG25 OHE England

Genie Industries

Technical Publications

Genie® AWP

Operator's Manual



Third Edition, Second Printing
Part No. 31257

Genie® AWP

Important

Read, understand and obey these safety rules and operating instructions before operating this machine. Only trained and authorized personnel shall be permitted to operate this machine. If you have any questions, call Genie Industries.

Contents

	Page
Safety Rules	1
Controls	6
Legend	7
Pre-operation Inspection & Function Tests	8
Operating Instructions	10
Battery and Charger Instructions	11
Transport Instructions	12
Tilt-back Operation Instructions	14
Maintenance Inspection	16
Decals	18
Specifications	21

Genie North America

Telephone (206) 881-1800
Toll Free 800 536-1800 in U.S.A.
Toll Free 800 426-8089 in Canada
Fax (206) 883-3475

Genie Europe

Telephone (44) 0636-813943
Fax (44) 0636-815270

Genie Industries

Copyright © 1993 by Genie Industries

Third Edition: First Printing, March 1993
Second Printing, June 1994

Genie® is a registered trademark of Genie Industries

Registered 2009987

U.S.A. Patent No. 5,121,816
U.S.A. Patent No. 5,105,913

Printed on recycled paper

Printed in U.S.A.

Safety Rules

Danger

Failure to obey the instructions and safety rules in this manual will cause death or serious injury.

Do Not Operate Unless:

☑ You are trained to safely operate the machine.

☑ You read, understand and obey:

- manufacturer's instructions and safety rules—operator's manual and machine decals
- employer's safety rules and worksite regulations
- applicable governmental regulations

☑ You inspect the entire machine for possible damage and test all machine functions for proper operation.

☑ The first time this machine is set up for use, a breather cap is installed (see *Breather Cap*, page 8).

SAFETY RULES

Tip-over Hazards

Do not raise platform unless base is level, all four outriggers are properly installed and leveling jacks firmly contact floor.

Do not adjust or remove outriggers while platform is occupied or raised.

Do not move machine while the platform is raised.

Do not place or attach overhanging loads to any part of this machine.

Do not push off or pull toward any object outside the platform.

Do not place ladders or scaffolds in platform or against any part of this machine.

Do not use machine to lift material or equipment. Machine is intended for personnel access only.

Do not raise platform unless machine is on firm, level surface.

Do not use machine on a moving or mobile surface or vehicle.

Do not raise platform in strong or gusty winds.

Do not exceed rated platform load capacity.

Maximum capacity		
AWP-19	300 lbs	136kg
AWP-24	300 lbs	136kg
AWP-30	300 lbs	136kg
AWP-36	250 lbs	113kg
Maximum occupancy		1 person

Do not operate machine near drop-offs, holes, bumps, debris, unstable or slippery surface or other possible hazardous conditions.

Do not alter or disable machine components that in any way affects safety and stability.

Do not replace items critical to stability with items of different weight or specification. Use only Genie authorized replacement parts.

When moving the machine with a forklift or other transport vehicle, platform should be fully lowered, machine should be turned off and no personnel shall remain in platform.

Fall Hazards

Do not sit, stand or climb on platform guard rails. Maintain a firm footing on the platform floor at all times.

Do not exit platform while raised. If a power failure occurs, have ground personnel activate manual lowering valve.

Keep platform floor clear of debris.

Lower platform entry mid-rail before operating.

Electrocution Hazards

This machine, even with an optional fiberglass platform, is not electrically insulated and will not provide protection from contact with or proximity to electrical current.

Keep away from machine if it contacts energized power lines or becomes electrically charged. Personnel on ground or in platform must not touch or operate machine until energized power lines are shut off.

Maintain safe distances from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart.

Voltage	Minimum Safe Approach Distance	
Phase to Phase	**Feet**	**Meters**
0 to 300V	Avoid Contact	
300V to 50KV	10	3.05
50KV to 200KV	15	4.60
200KV to 350KV	20	6.10
350KV to 500KV	25	7.62
500KV to 750KV	35	10.67
750KV to 1000KV	45	13.72

Allow for platform movement, electrical line sway or sag and movement due to strong or gusty winds.

Do not use machine as a ground for welding.

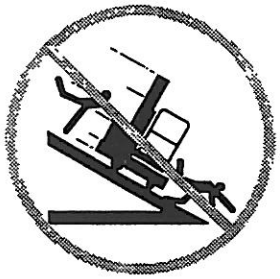
Do not operate AC powered machine or DC battery charger unless using a 3-wire grounded extension cord connected to a grounded AC circuit. Do not alter or disable 3-wire grounded plugs.

SAFETY RULES

Collision Hazards

Check work area for overhead obstructions or other possible hazards.

Be aware of crushing hazard when grasping the platform guard rail.



Do not lower the platform unless the area below is clear of personnel and obstructions.

Be careful when transporting on incline.

Stay clear of descending platform.

Improper Use Hazards

Do not leave machine unattended unless key is removed to secure from unauthorized use.

Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Conduct a thorough pre-operation inspection of machine and test all functions before each work shift. Immediately tag and remove from service a damaged or malfunctioning machine.

Be sure all maintenance has been performed as specified in this manual and the Genie AWP service manual.

Be sure all decals are in place and legible.

Be sure operator's manual is legible, complete and in the operator's manual storage container located in the platform.

Decal Legend

Genie product decals use color coding and signal words to identify the following:

⚠DANGER Red—used to indicate the presence of a hazard that **will** cause death or serious injury.

Orange—used to indicate the presence of a hazard that **may** cause death or serious injury.

⚠CAUTION Yellow—used to indicate the presence of a hazard that **will** or **may** cause serious personal injury or damage to the machine.

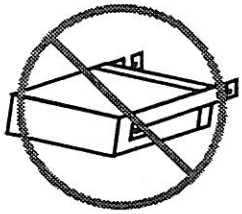
NOTICE Green—used to indicate operation or maintenance information.

Battery and Charger Safety - DC Models

Burn Hazards

Batteries contain acid. Always wear protective clothing and eyewear when working with batteries.

Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.



Battery pack must remain in upright position.

Explosion Hazards

Batteries emit explosive gas. Keep sparks, flames and lighted tobacco away from battery.

Charge batteries in a well-ventilated area.

Do not disconnect charger DC output wires from battery when charger is on.

Electrocution Hazards

Connect charger to a grounded AC circuit only.

Do not expose battery or charger to water and/or rain.

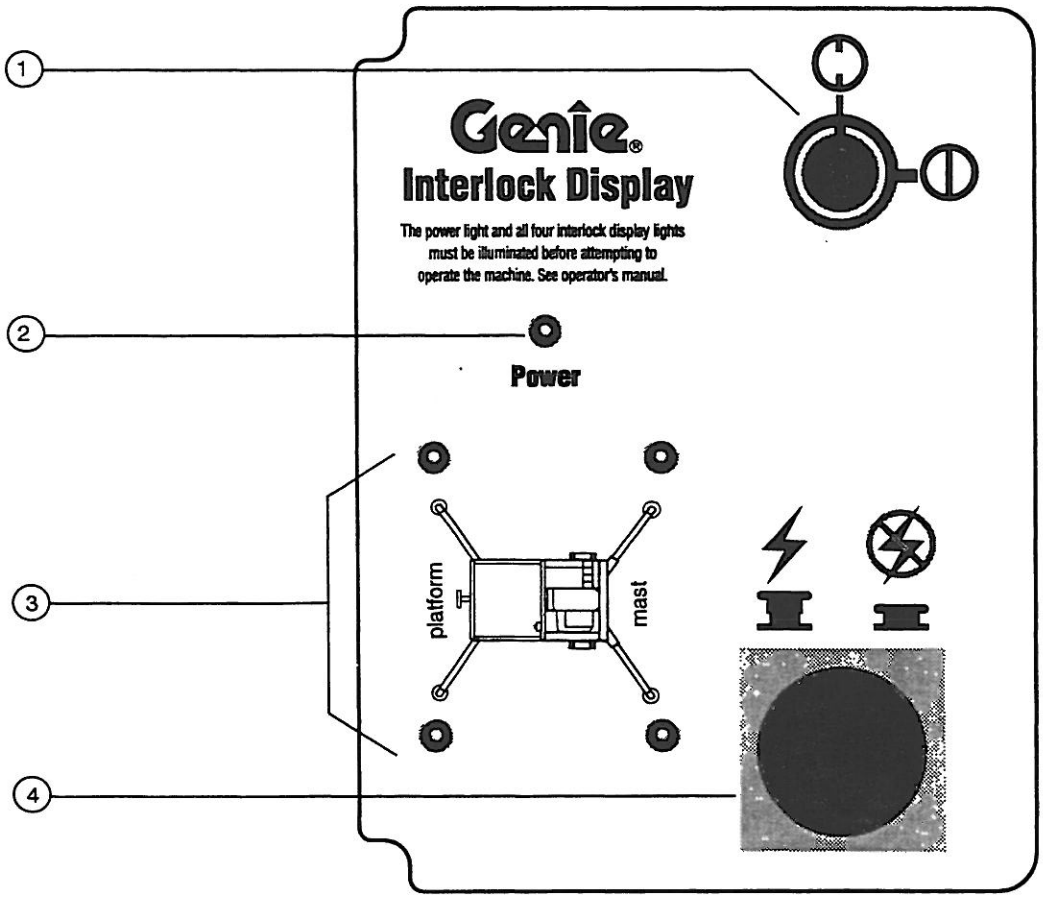
Before each use, inspect for damage. Replace damaged items before operating.

Lifting Hazard

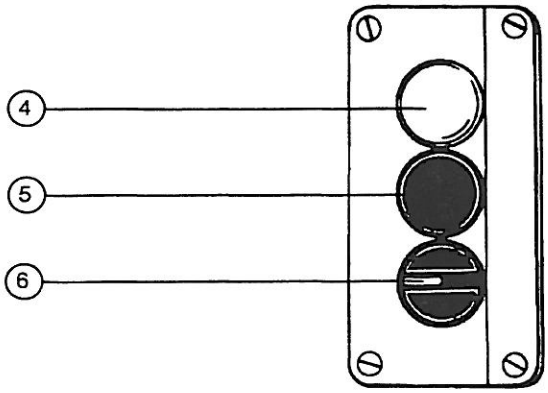
Battery pack weighs 80 lbs (36kg). Two people should lift it together.

Controls

Ground Controls

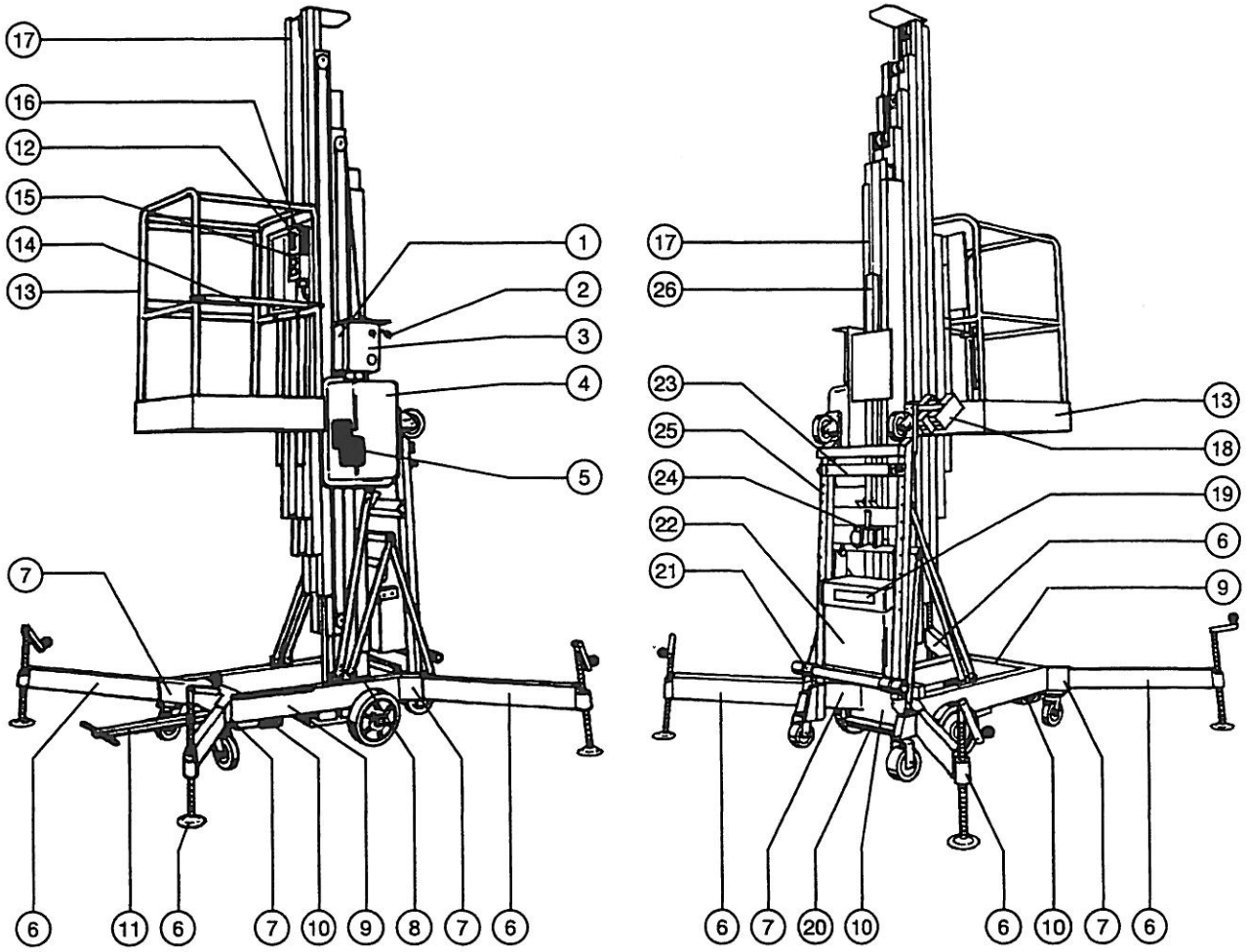


Platform Controls



1 Key switch
2 Power light
3 Outrigger interlock display lights (four)
4 Emergency stop button
5 Control activate button
6 Up/Down switch

Legend



Model shown is a Genie AWP-36 and is representative of all AWP models.

1 Fuse(s)
2 AC power supply cord
3 Ground controls
4 Hydraulic power unit
5 Manual lowering valve
6 Outrigger with leveling jack
7 Base outrigger socket
8 Bubble level
9 Base
10 Transport tie down
11 Sliding T-handle
12 Operator's manual storage container
13 Platform
14 Platform entry mid-rail
15 AC outlet
16 Platform controls
17 Mast
18 Outrigger storage socket
19 Battery charger (DC models)
20 Forklift pocket
21 Loading pivot bar
22 Battery pack (DC models)
23 Loading stop bracket
24 Retaining pin (Genie AWP 30 & 36)
25 Tilt-back frame (Genie AWP 30 & 36)
26 Tilt-back strut (Genie AWP 30 & 36)

Pre-operation Inspection & Function Tests

Observe and Obey:

☑ Conduct a thorough pre-operation inspection and function test before each work shift.

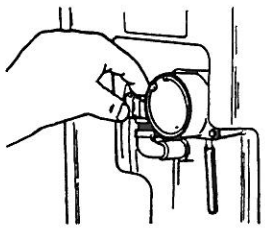
☑ Immediately tag and remove from service a damaged or malfunctioning machine.

☑ Repair any machine damage or malfunctions before operating machine.

Breather Cap

Component damage will occur if the machine is operated without a breather cap.

The first time this machine is set up for use, the pipe plug in the hydraulic reservoir should be removed and permanently replaced with a breather cap.



A breather cap is supplied and can be found in an envelope taped to the mast near the platform controls.

Pre-operation Inspection

Be sure that all decals are legible and in place.

Be sure that the operator's manual is legible and in the storage container located in the platform.

Check for damage and improperly installed or missing parts:

- Electrical components, wiring and electrical cables
- Hydraulic power unit, hoses, fittings and cylinder
- Platform entry mid-rail
- Sequencing cables and pulleys
- Lifting chains and idler wheels
- Nuts, bolts and other fasteners
- Weld or structural cracks
- Mast columns and counterweight
- Breather cap
- Outriggers, leveling jacks and footpads

Perform quarterly and annual machine inspections. Keep records for three years. See the Genie AWP service manual for details.

Function Tests

1 Select a test area free of obstructions.

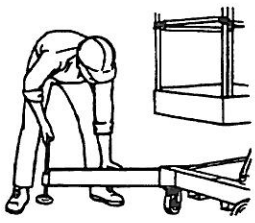
2 Connect appropriate power source.

3 Turn the key switch to the ON position.

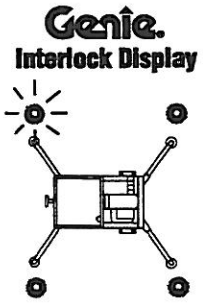
⊙ Result: The power light should come on.

4 Pull out the red Emergency Stop button to the ON position.

5 Select an outrigger and slide it into a base socket until the outrigger lock pin snaps into place. Bring the outrigger leveling jack into firm contact with ground.



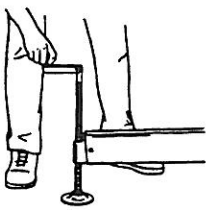
6 Check the interlock display lights at the ground controls. Confirm that the corresponding light is on.

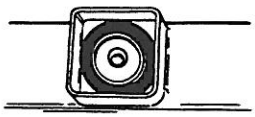


7 Repeat procedure for each of the remaining outriggers.

Test Emergency Stop

8 Use the bubble level and adjust leveling jacks until the machine base is level.

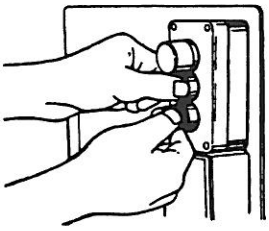




9 Twist to release the red Emergency Stop button at the platform controls.

10 Push in the red Emergency Stop button at the ground controls to the OFF position.

11 Push in the control activate button and rotate the up/down switch in the direction of intended travel.



⊙ Result: Up/Down functions should **not** operate.

12 Push in the red Emergency Stop button at the platform controls to the OFF position.

13 Pull out the red Emergency Stop button at the ground controls to the ON position.

14 Push in the control activate button and rotate the up/down switch in the direction of intended travel.

⊙ Result: Up/Down functions should **not** operate.

Test Outrigger Interlock

15 Twist to release the red Emergency Stop button at the platform controls.

16 Pull out the red Emergency Stop button at the ground controls to the ON position.

⊙ Result: Up/Down functions should operate.

17 Unscrew one leveling jack until the corresponding interlock display light turns off.

⊙ Result: Up/Down functions should **not** operate.

18 Return the leveling jack to previous setting and check the bubble level.

19 Repeat procedure for each outrigger.

Test Manual Lowering

20 Raise platform slightly.

21 Activate the manual lowering valve located on the hydraulic power unit.

⊙ Result: Platform should descend.

Operating Instructions

Before Each Use:

- ☑ Read, understand and obey all safety rules (see *Safety Rules*, page 1).
- ☑ Conduct a thorough pre-operation inspection of the machine (see *Pre-operation Inspection*, page 8).
- ☑ Test all machine functions for proper operation (see *Function Tests*, page 9).
- ☑ Repair any machine damage or malfunctions before operating the machine.

Setup

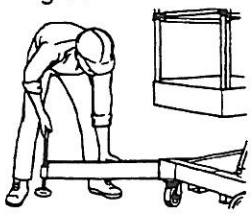
1 Position machine on a firm, level surface directly below desired work area.

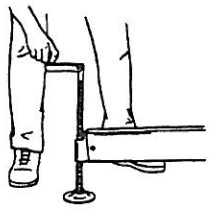
2 Connect to appropriate power source:
DC models: Connect battery pack.
AC models: Connect to a grounded 15A AC power supply. Use a 12 gauge (3.3mm²) 3-wire grounded extension cord no longer than 50 feet (13m).

3 Insert key and turn to the ON position.

4 Pull out the red Emergency Stop button and be sure the power light is on.

5 Install outriggers and adjust to level the machine and raise base casters slightly off the ground.

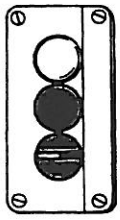




6 Check the interlock display. Be sure that all four interlock display lights are on.

Emergency Stop

Push in the red Emergency Stop button at platform controls or at ground controls to stop all functions.



Manual Lowering

1 Activated from ground only.

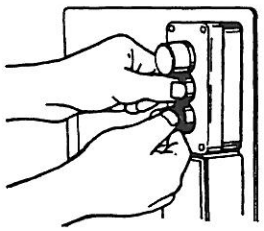
2 Activate manual lowering valve located on hydraulic power unit to lower platform.

Platform Raise and Lower

1 Follow *Setup* procedure.

2 Twist to release the red Emergency Stop button.

3 Push in control activate button and rotate the up/down switch in the desired direction of travel.



After Each Use

1 Select a safe storage location—firm, level surface, weather protected, clear of obstruction and traffic.

2 Chock wheels to prevent machine from rolling.

3 Remove key to secure from unauthorized use.

4 DC models: Disconnect battery pack and recharge battery.

Battery and Charger Instructions

Observe and Obey:

☑ Do not use external charger or booster battery.

☑ Charge battery in a well-ventilated area.

☑ Use proper AC input voltage for charging as indicated on charger.

☑ Use only Genie authorized battery and charger.
CSA applicable model:
Manual Lester charger 06685
Automatic Lester charger 15840-90

To Charge Battery

1 Disconnect the battery pack from the machine.

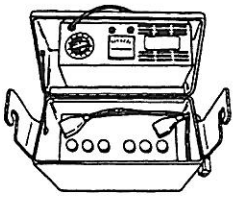
2 Open battery pack lid to access battery.

3 Remove the battery vent caps and check the battery acid level. If necessary, add only enough water to cover the plates. Do not overfill prior to charging cycle.

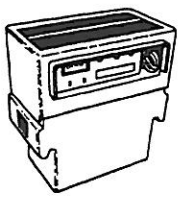
4 Replace the vent caps.

Style A models: Battery pack lid must remain open during entire charging cycle.

Style B models: Battery pack lid can remain open or closed during the charging cycle.



Style A



Style B

5 Connect the battery charger to grounded AC circuit.

6 **Automatic charger models**: Set the power switch to the AUTO position. Charger will start after a short delay.

Manual Charger models: Set the timer based on the amount of use:

Light use—less than 15 lifting cycles: Set to 7 hours.

Heavy use—greater than 15 lifting cycles: Set to ON position.

7 **All models**: The charger will automatically shut off at end of the set period.

Manual charger models: If ampere meter drops to 3A or less within the first 15 minutes, the battery is fully charged and the battery charger should be turned off.

8 Disconnect the AC supply.

9 Check the battery acid level when the charging cycle is completed. Replenish with water to the bottom of the fill tube.

Dry Battery Filling and Charging Instructions

1 Remove battery vent caps and permanently remove plastic seal from battery vent openings.

2 Fill each cell with battery acid (electrolyte) until level is sufficient to cover plates.

Do not fill to maximum level until battery charge cycle is complete. Overfilling can cause the battery acid to overflow during charging. Neutralize battery acid spills with baking soda and water.

3 Install the vent caps.

4 Charge the battery.

5 Check the battery acid level when the charging cycle is complete. Replenish with water to the bottom of the fill tube.

OPERATING INSTRUCTIONS

Transport Instructions

Observe and Obey:

- ☑ Do not load machine onto a vehicle unless it is parked on a level surface.
- ☑ Transport vehicle must be secured to prevent rolling while machine is being loaded.
- ☑ Lifting force needed to tilt machine onto transport vehicle requires two people.
- ☑ Machine must be securely fastened to transport vehicle.
- ☑ Be sure to lock both swivel casters on tilt-back frame (Genie AWP-30 & 36).
- ☑ Do not transport with the tilt-back frame in the lowered position.

Loading for Transport

Be sure vehicle capacity and loading surfaces are sufficient to support machine weight (see *Specifications*, page 21).

1 Fully lower platform.

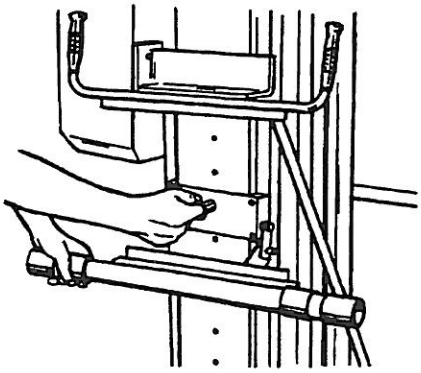
2 Push in red Emergency Stop buttons, turn key switch to the OFF position and remove key.

3 Remove outriggers from base and place in storage sockets.

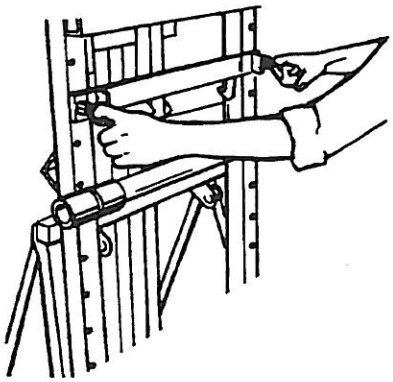
4 DC models: Disconnect battery cable and remove battery pack.

5 Inspect entire machine for loose or unsecured items.

6 Slide the stop bracket to the top lock position.



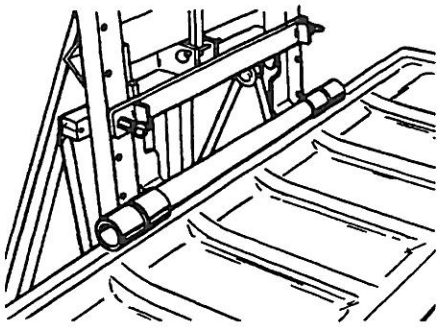
Genie AWP-19 & 24



Genie AWP-30 and 36

6 Hook loading pivot to stop bracket.

7 Position machine flush against loading surface. Lower and lock stop bracket to the lowest lock pin position above loading surface.



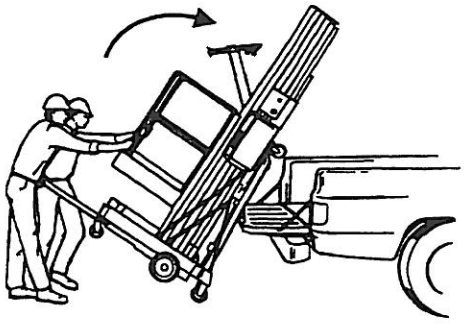
8 AWP 30 and 36 models:

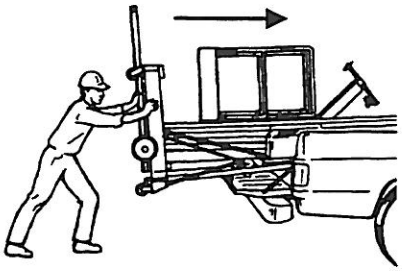
Be sure both stop bracket lock pins are fully engaged.

Be sure both tilt-back frame swivel casters are locked.

9 Slide out T-handle until lock pin snaps into place.

10 Two people should lift T-handle to tilt machine onto loading surface.





11 Carefully push machine into transport position.

12 Return sliding T-handle to stowed position.

13 Secure the machine base and mast to the transport vehicle. Use chains or straps of ample load capacity.

14 Reverse procedure to unload.

OPERATING INSTRUCTIONS

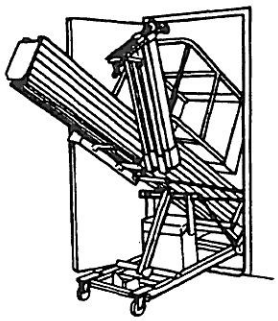
Tilt-back Operation Instructions

Observe and obey:

- ☑ Retaining pin must be inserted to prevent spring loaded tilt-back frame from dropping.
- ☑ Do not tilt the machine back unless area is clear of personnel and obstructions.
- ☑ Do not stand behind or under tilt-back frame when raising or lowering it.
- ☑ Lifting force necessary requires two people.

Tilt-back Frame

The Genie AWP-30 & 36 have a tilt-back frame which allow the machine to roll through a standard doorway.

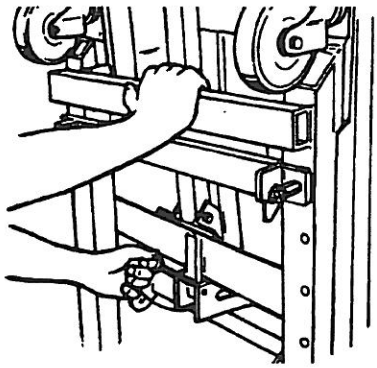


Lowering Tilt-back Assembly

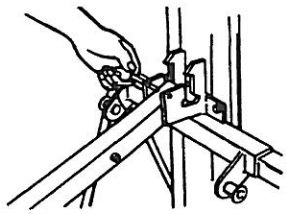
1 Be sure area behind machine and under tilt-back frame is clear of personnel and obstructions.

2 Remove outriggers from base and place in storage sockets.

Tiit-back frame is spring loaded and will immediately fall outward when retaining pin is removed. Maintain firm grasp on tilt-back frame and remove retaining pin.

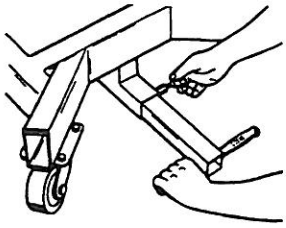


3 Lower tilt-back frame and guide the tilt-back strut into the strut socket.



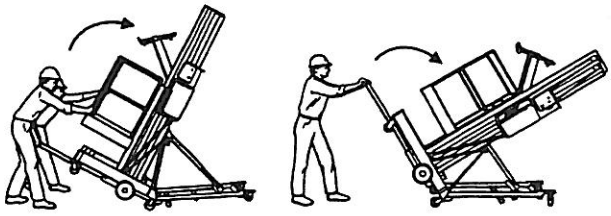
4 Insert retaining pin into strut socket.

Tilting back Machine



1 Slide out T-handle until lock pin snaps into place.

2 Two people should lift the machine with the T-handle to mid-tilt position—casters on tilt-back frame contact floor, and machine supported by extended tilt-back strut.



3 Continue lifting until telescoping tilt-back strut is completely compressed.

Returning Machine To Standing Position

1 Be sure area below machine base and T-handle is clear of personnel and obstructions.

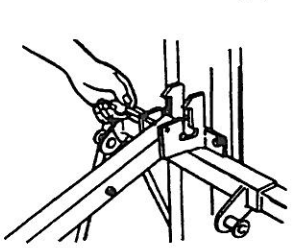
2 Carefully pull down T-handle until machine rests at mid-tilt position.

3 Two people should lower the machine with the T-handle until base casters are in contact with ground.

4 Return sliding T-handle to stowed position.

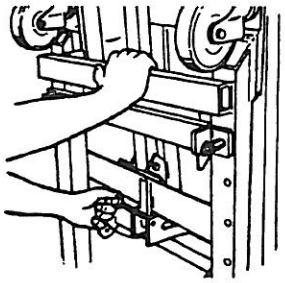
Stowing Tilt-back Assembly

1 Remove retaining pin.



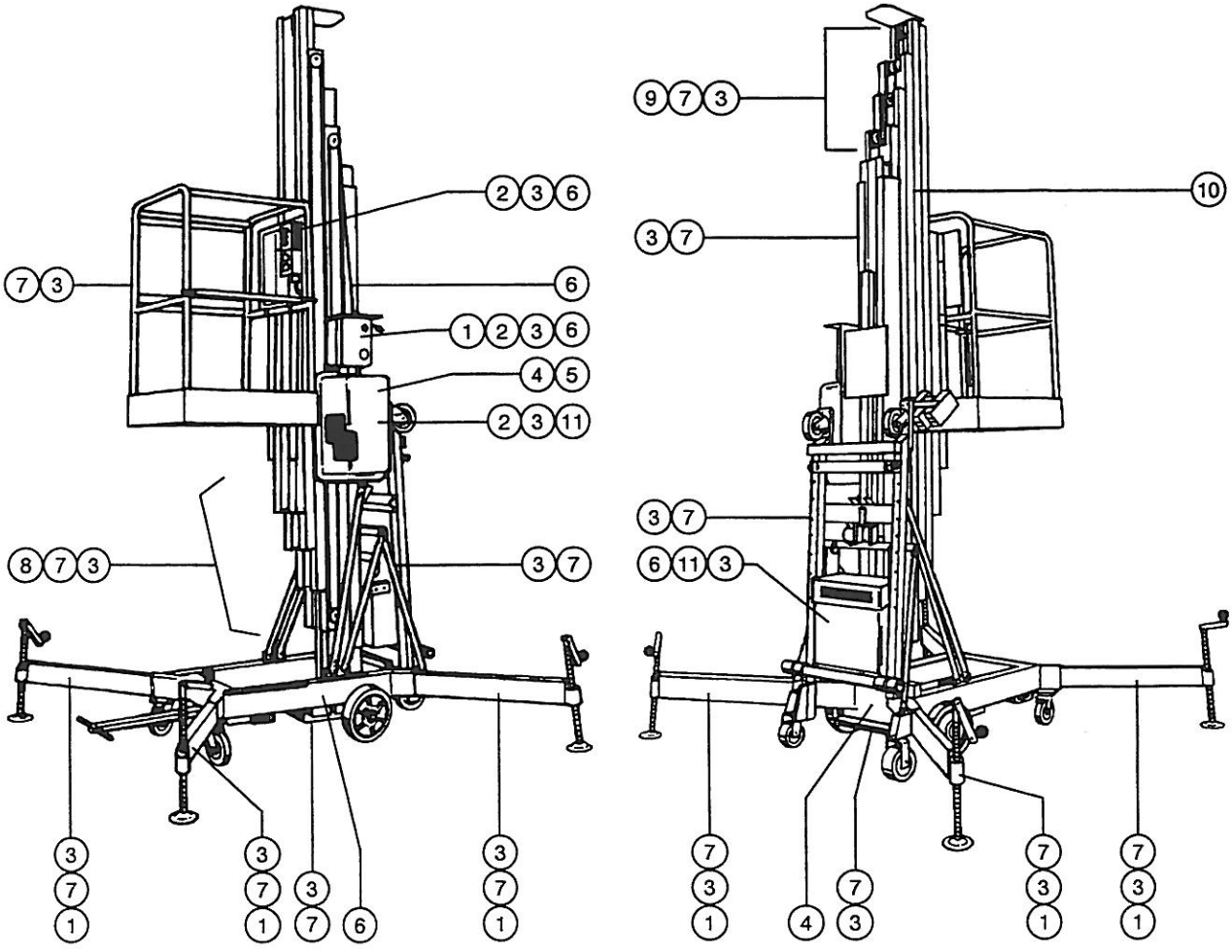
2 Firmly grasp tilt-back frame and remove tilt-back strut from strut socket.

3 Lift tilt-back frame, hold in upright position against spring and secure with retaining pin.



Maintenance Inspection

- ☑ The Maintenance Inspection shall be completed daily by a person trained and qualified on the maintenance of this machine.
- ☑ Immediately tag and remove from service a damaged or malfunctioning machine.
- ☑ Repair any machine damage or malfunctions before operating machine.



Daily Check List

Make copies of this checklist to use for each inspection.

	Index No.			Index No.	
☐		Inspect decals and placards for damage and legibility (see *Decals,* page 18).	☐	7	Check that all structural and other critical components are present and all fasteners and pins are in place and properly tightened.
☐	1	Inspect and test outrigger interlock system.	☐	8	Inspect lifting chains for proper adjustment.
☐	2	Check operation of all power and function controls.	☐	9	Inspect lifting chains and idler wheels for damage and proper operation.
☐	3	Inspect for damaged, loose or missing parts.	☐	10	Inspect sequencing cables for damage and proper operation.
☐	4	Inspect hydraulic components for leaks and damages.	☐	11	Inspect and clean battery terminals and all battery cable connections.
☐	5	Check hydraulic oil level.			
☐	6	Check cables and wiring for frays, abrasion or physical damage.			

Notes: Perform quarterly (or every 150 hours) and annual machine inspections. Keep records for three years. See the Genie AWP service manual for details.

Inspected By

Date

Serial No.

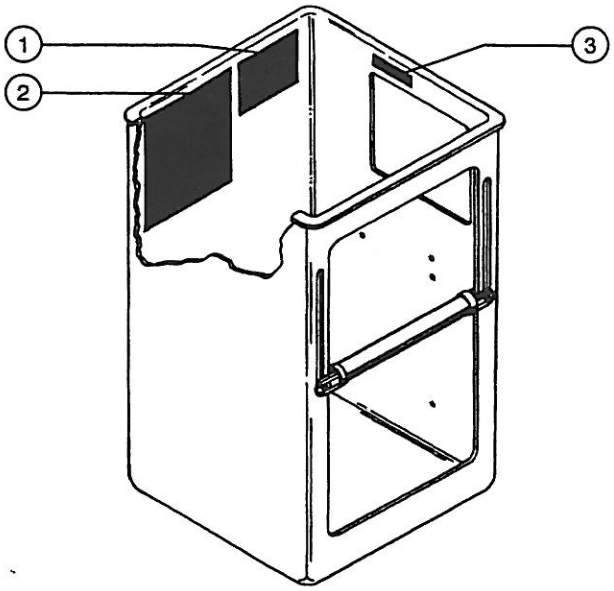
Model ☐ AC ☐ DC ☐ 19 ☐ 24 ☐ 30 ☐ 36

Decals

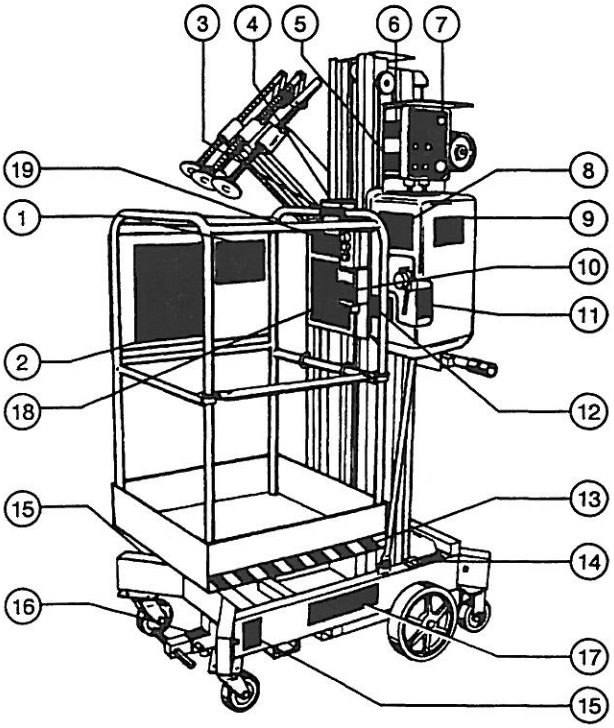
Index	Part No. / Decal Description	Quantity
1	31237 Notice - Before Each Work Shift	1
2	31243 Danger - General Safety	1
3	31071 Warning - Failure to Read/Obey Manual	1
4	31072 Label - Operator's Manual Storage Container	1
5	31074 Label - ANSI/Patents	1
6	27849 Label - DC Fuse Location or 27855 Label - AC Fuse Location	1 1
7	31241 Label - Interlock Display	1
8	27845 Notice - Manual Lowering Lever Caution - Collision Hazard (descending platform) or 32986 Notice - Manual Lowering Knob Caution - Collision Hazard (descending platform)	1 1
9	31245 Warning - Collision Hazard (runaway lift)	1
10	31076 Caution - 8A Maximum, 115V AC	1
11	28157 Notice - Dexron	1
12	27857 Caution - Pipe Plug	1
13	1699 Safety Tape	—
14	27865 Label - Bubble Level	1
15	27863 Caution - Component Damage Hazard	3
16	27839 Label - Sliding T-handle	1
17	31311 Label - AWP-19 or 31312 Label - AWP-24 or 31452 Label - AWP-30 or 31453 Label - AWP-36	2 2 2 2
18	31067 Notice - Operating Instructions	1
19	27870 - Genie AWP-19, 24 & 30 only Notice - Maximum Capacity, 300 lbs. or 27869 - Genie AWP-36 only Notice - Maximum Capacity, 250 lbs.	1 1
20	27872 Danger - Tip-over Hazard (outriggers)	1
21	27841 Label - Stop Bracket	1
22	27842 Label - Loading Pivot	1
23	27864 Notice - Lower Stop Bracket before ...	1
24	27868 Danger - Relief Valve	1
25	27867 Label - Swivel Lock	2
26	27873 Notice - Maintain firm grasp on ...	1
27	27844 Label - Strut Socket	1
28	27840 Label - Retaining Pin	1
29	27843 Label - Tilt-back Strut	1

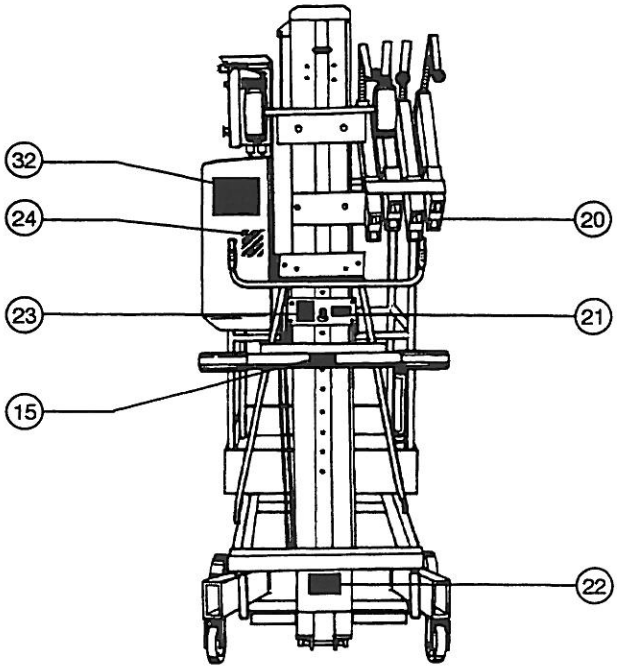
Index	Part No. / Decal Description	Quantity
30	27838 Warning - Tilt-back Hazards Notice - Tilt-back Instructions	1
31	27874 Label - Insert retaining pin into ...	1
32	31070 Danger - Tip-over Hazard (moving machine)	1
33	31068 Danger - Battery Safety Notice - Battery Charger Instructions	1
34	28372 Caution - Quick Disconnect	1
35	28398 Danger - Battery Safety (manual charger)	1
36	27856 Caution - Component Damage (manual charger)	1
37	27853 Notice - Battery Charger Instructions	1

Fiberglass Platform Option



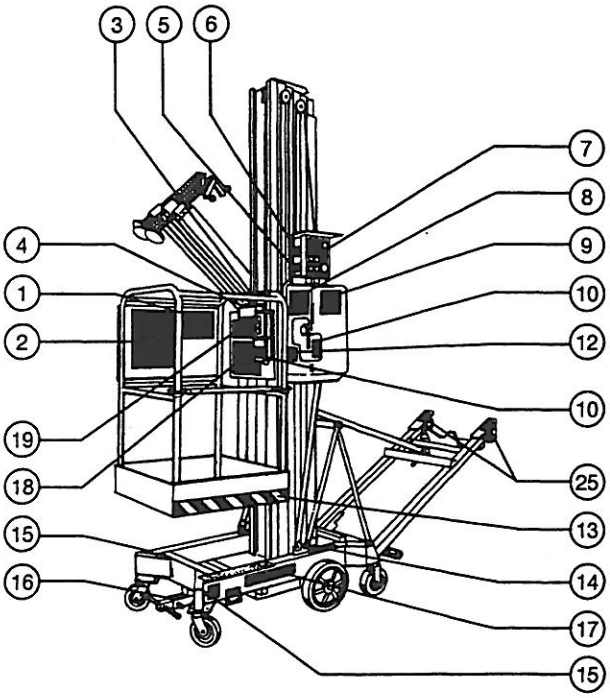
AWP-19 & 24

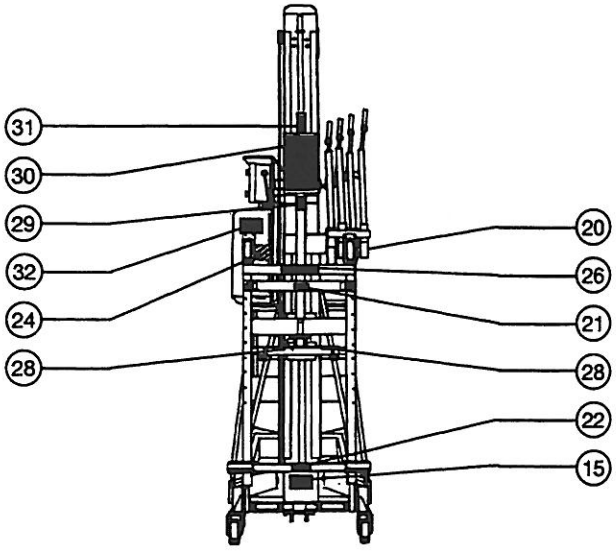




DECALS

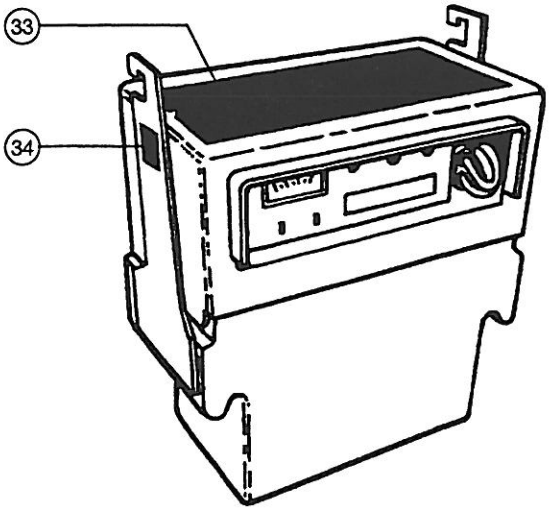
AWP-30 & 36

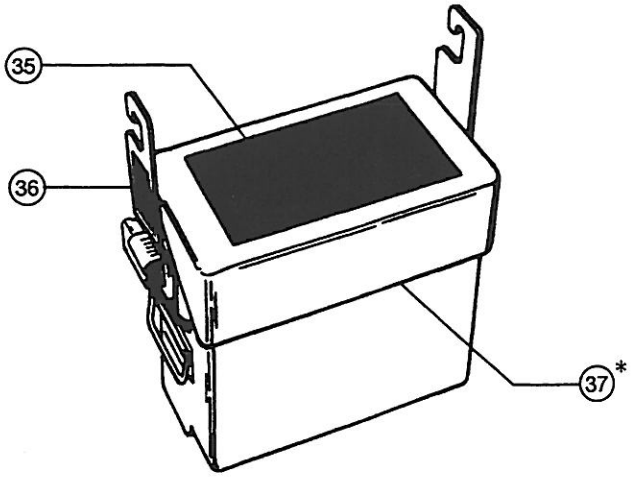




Battery Pack - Automatic Charger

Battery Pack - Manual Charger





*This decal is visible when battery pack cover is raised.

Specifications

Model	AWP-19	AWP-24	AWP-30	AWP-36
Height, working maximum	25 ft 6 in 7.8m	30 ft 9.1m	36 ft 11.0m	42 ft 12.8m
Height, platform maximum	19 ft 6 in 5.9m	24 ft 7.3m	30 ft 9.1m	36 ft 11.0m
Lift capacity	300 lbs 136kg	300 lbs 136kg	300 lbs 136kg	250 lbs 113kg
Power source DC model AC model	 12V 110V or 220V	 12V 110V or 220V	 12V 110V or 220V	 12V 110V or 220V
Machine weight (DC / AC models)	694 / 623 lbs 315 / 283kg	717 / 639 lbs 325 / 290kg	866 / 788 lbs 393 / 357kg	940 / 868 lbs 426 / 394kg
Height, stowed	79 in 200cm	79 in 200cm	93 in 236cm	112 in 284cm
Width	29 in 74cm	29 in 74cm	29 in 74cm	29 in 74cm
Length	47.5 in 120.6cm	47.5 in 120.6cm	51.5 in 130.8cm	51.5 in 130.8cm
Platform length	26 in 66cm	26 in 66cm	26 in 66cm	26 in 66cm
Platform width	26 in 66cm	26in 66cm	26 in 66cm	26 in 66cm
Platform height	43 in 106cm	43 in 106cm	43 in 106cm	43 in 106cm
Outrigger footprint	65 x 58 in 164 x 146.5cm	65 x 58 in 164 x 146.5cm	75 x 73 in 190.5 x 185.5cm	81 x 81 in 205 x 205cm

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

U.S.A.

18340 NE 76th Street

P.O. Box 69

Redmond, Washington

98073-0069

Europe

Market Place

Southwell,

Nottinghamshire

NG25 OHE England

Genie®
A TEREX COMPANY

Operator's Manual

GS-1530
GS-1930
GS-2032
GS-2632
GS-3232
GS-2046
GS-2646
GS-3246

ANSI/CSA
North America
South America
Asia

with
Maintenance
Information

Fifth Edition
Third Printing
Part No. 114312

Important

Read, understand and obey these safety rules and operating instructions before operating this machine. Only trained and authorized personnel shall be permitted to operate this machine. This manual should be considered a permanent part of your machine and should remain with the machine at all times. If you have any questions, call Genie Industries.

Contents

	Page
Introduction	1
Symbol and Hazard Pictorials	3
General Safety	5
Personal Safety	10
Work Area Safety	11
Legend	18
Controls	21
Inspections	25
Operating Instructions	46
Transport and Lifting Instructions	53
Maintenance	57
Specifications	59

Contact us:

Internet: www.genielift.com
e-mail: techpub@genieind.com

Copyright © 1997 by Genie Industries

Fifth Edition: Third Printing, February 2008

"Genie" is a registered trademark of Genie Industries in the U.S.A. and many other countries. "GS" is a trademark of Genie Industries.

These machines comply with:
ANSI/SI A92.6
CAN/CSA B354.2

♻ Printed on recycled paper

Printed in U.S.A.

Introduction

Owners, Users and Operators:

Genie appreciates your choice of our machine for your application. Our number one priority is user safety, which is best achieved by our joint efforts. We feel that you make a major contribution to safety if you, as the equipment users and operators:

1 **Comply** with employer, job site and governmental rules.

2 **Read, understand and follow** the instructions in this and other manuals supplied with this machine.

3 **Use good safe work practices** in a commonsense way.

4 **Only have trained/certified operators,** directed by informed and knowledgeable supervision, running the machine.

If there is anything in this manual that is not clear or which you believe should be added, please contact us.

Internet: www.genielift.com

E-mail: techpub@genieind.com

Danger

Failure to obey the instructions and safety rules in this manual will result in death or serious injury.

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

Know and understand the safety rules before going on to the next section.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

☑ You read, understand and obey the manufacturer's instructions and safety rules—safety and operator's manuals and machine decals.

☑ You read, understand and obey employer's safety rules and worksite regulations.

☑ You read, understand and obey all applicable governmental regulations.

☑ You are properly trained to safely operate the machine.

Introduction

Hazard Classification

Genie uses symbols, color coding and signal words to identify the following:

Safety alert symbol—used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠DANGER
Red

Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠WARNING
Orange

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠CAUTION
Yellow

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE
Blue

Indicates a hazardous situation which, if not avoided, could result in property damage.

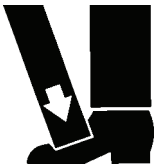
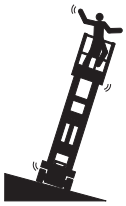
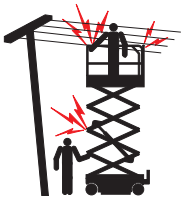
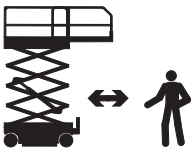
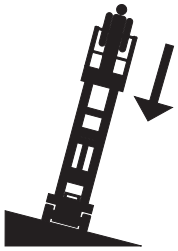
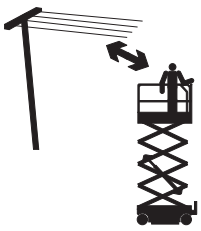
Intended Use

This machine is intended to be used only to lift personnel, along with their tools and materials to an aerial work site.

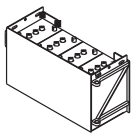
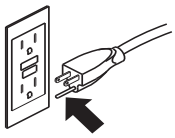
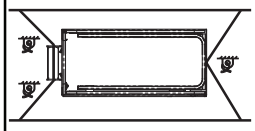
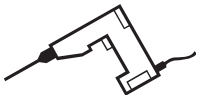
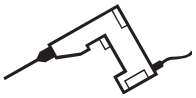
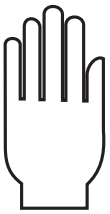
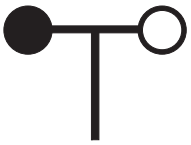
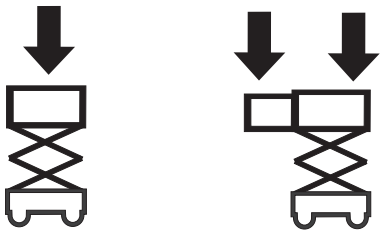
Safety Sign Maintenance

Replace any missing or damaged safety signs. Keep operator safety in mind at all times. Use mild soap and water to clean safety signs. Do not use solvent-based cleaners because they may damage the safety sign material.

Symbol and Hazard Pictorials Definitions

Read the operator's manual	Read the service manual	Crush hazard	 Crush hazard	Collision hazard
 Tip-over hazard	Tip-over hazard	Tip-over hazard	Tip-over hazard	 Electrocution hazard
Electrocution hazard	Explosion hazard	Fire hazard	Burn hazard	Skin injection hazard
Engage safety arm	 Keep away from moving parts	Keep clear of outriggers and tires	Move machine to level ground	Close chassis tray
 Lower the platform	Do not set up where it cannot be leveled with outriggers	 Maintain required clearance	Only trained maintenance personnel should access compartments	Use a piece of cardboard or paper to search for leaks

Symbol and Hazard Pictorials Definitions

 Batteries used as counterweights	Chock the wheels	Release brakes	 Grounded AC 3-wire only	Replace damaged wires and cords
Wheel load	 Transport diagram	Tiedown	Lanyard attachment point	No smoking
 Voltage rating for power to platform	 Pressure rating for air line to platform	 Side force	 Windspeed	
 Maximum capacity including occupant				

General Safety

Safety signs and locations
Decals with words

114386

⚠ DANGER

Failure to read, understand and obey the operator's manual and the following safety rules will result in death or serious injury.

Improper Use Hazard

The operator is responsible for safe machine operation. This includes:

1 Avoid hazardous situations.
2 Always perform a pre-operation inspection.
3 Always perform function tests prior to use.
4 Inspect work place.
5 Only use the machine as it was intended.

Do not operate unless:

You read, understand and obey:
- manufacturer's instructions and safety rules— safety and operator's manuals and decals
- employer's safety rules
- applicable governmental regulations

You are properly trained to safely operate this machine

Electrocution Hazards

This machine is not electrically insulated and will not provide protection from contact with or proximity to electrical current.

Maintain required clearance.

Line voltage	Required clearance	
300V to 50KV	10 ft	3.05 m
50KV to 200KV	15 ft	4.60 m
200KV to 350KV	20 ft	6.10 m
350KV to 500KV	25 ft	7.62 m
500KV to 750KV	35 ft	10.67 m
750KV to 1000KV	45 ft	13.72 m

Explosion Hazards

Do not start engine if you smell or detect liquid petroleum gas (LPG), gasoline, diesel fuel or other explosive substances.

Do not refuel the machine with the engine running.

Tip-over Hazards

Do not exceed rated load capacity.

Do not raise platform unless machine is on a firm surface. Avoid drop-offs, holes and unstable or slippery surfaces.

Do not drive machine on a slope that exceeds the maximum slope or side slope rating for the machine.

Models without outriggers: Do not raise platform unless machine is on a level surface.

Models with outriggers: Do not raise platform unless machine is level.

Do not raise platform when wind speeds may exceed 28 mph / 12.5 m/s. Do not operate machine in strong or gusty winds. Do not increase surface area of platform or load. Increasing area exposed to wind will decrease machine stability.

Do not drive the machine on or near uneven terrain, unstable surfaces or other hazardous conditions with the platform raised.

Do not push off or pull toward any object outside of the platform.

Do not place or attach overhanging loads to any part of this machine.

Use extreme care and slow speeds while driving the machine in stowed position across uneven terrain, debris, unstable or slippery surfaces and near holes and drop-offs.

Do not alter or disable machine components that in any way affect safety and stability.

Do not place ladders or scaffolds in platform or against any part of this machine.

Do not use machine on a moving or mobile surface or vehicle.

Be sure all tires are in good condition, castle nuts are properly tightened and cotter pins are properly installed.

Fall Hazards

Do not sit, stand or climb on the platform guard rails. Maintain a firm footing on the platform floor at all times.

Do not climb down from the platform when raised.

Attach platform entry chain and close entry gate before operating.

Crushing Hazards

Keep hands and limbs out of scissors.

Use common sense and planning when operating machine with controller from ground. Maintain safe distances between operator, machine and fixed objects.

Collision Hazards

Be aware of limited sight distance and blind spots when driving or operating.

Check work area for overhead obstructions or other possible hazards.

Be aware of crushing hazard when grasping platform guard rail.

Observe and use color-coded direction arrows on the platform controls for drive and steer functions.

Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Be sure all maintenance has been performed as specified in the appropriate operator's and service manuals

Be sure all decals are in place and legible.

Be sure safety, operator's and responsibilities manuals are complete, legible and in the storage container located on the platform. 114386 A

44736

⚠ DANGER

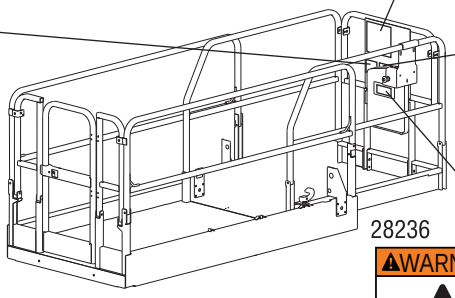
Tip-over Hazard

If tilt-alarm sounds, unit is on a severe slope. Death or serious injury could occur.

44736 C

1 Lower the platform.

2 Move the machine to level surface.



114359 (GS-3232 only)

⚠ DANGER

Tip-over Hazards

Improper use of outriggers will result in death or injury.

114359 A

Do not set machine up where it cannot be leveled using the outriggers.

Read the manual for safe operation of outrigger function.

28236

⚠ WARNING

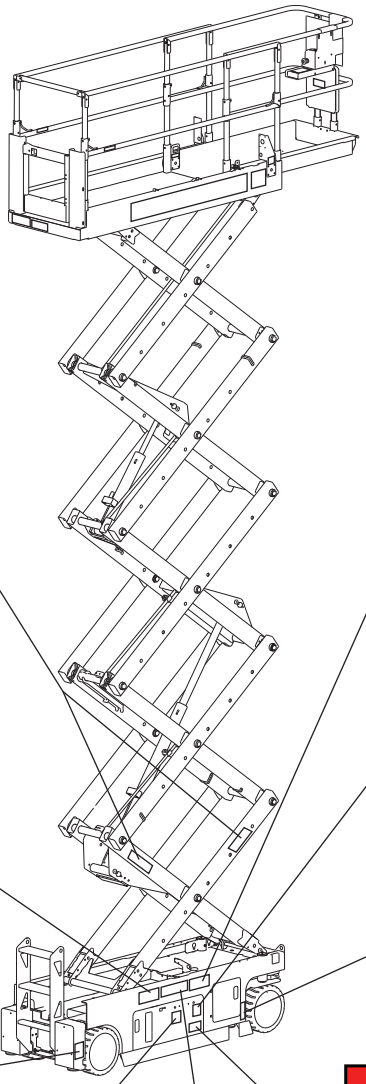
Improper operation or maintenance can result in serious injury or death.

Read and understand Operator's Manual, Responsibilities Manual and Safety Manual and all safety signs before using or maintaining machine.

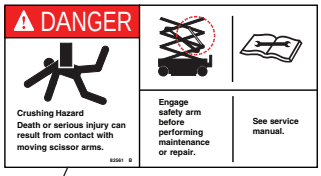
If you do not understand the information in the manuals, consult your supervisor, the owner or the manufacturer. 28236 D

General Safety

Safety signs and locations
Decals with words

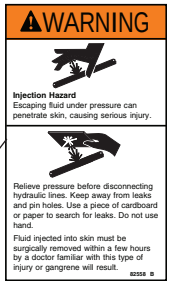


82561

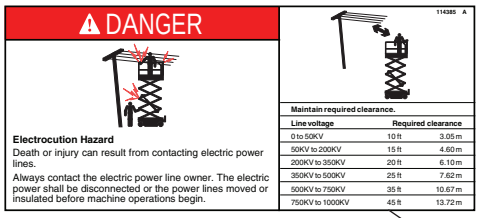

DANGER
Crushing Hazard
Death or serious injury can result from contact with moving scissor arms.
Engage safety arm before performing maintenance or repair.
See service manual.

44255

82558


WARNING
Injection Hazard
Escaping fluid under pressure can penetrate skin, causing serious injury.
Relieve pressure before disconnecting hydraulic lines. Keep away from leaks and pin holes. Use a piece of cardboard or paper to search for leaks. Do not use hand.
Fluid injected into skin must be surgically removed within a few hours by a doctor familiar with this type of injury or gangrene will result.

114385


DANGER
Electrocution Hazard
Death or injury can result from contacting electric power lines.
Always contact the electric power line owner. The electric power shall be disconnected or the power lines moved or insulated before machine operations begin.
Maintain required clearance.
Line voltage | Required clearance
0 to 50KV | 10 ft | 3.05 m
50KV to 200KV | 15 ft | 4.60 m
200KV to 350KV | 20 ft | 6.10 m
350KV to 500KV | 25 ft | 7.62 m
500KV to 750KV | 35 ft | 10.67 m
750KV to 1000KV | 45 ft | 13.72 m

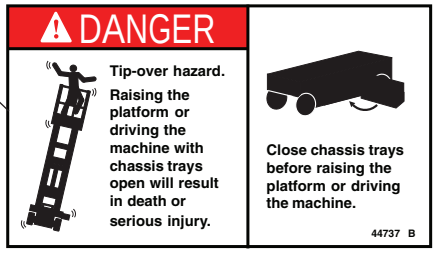
82506
(GS-3232 models only)

WARNING
Crushing hazard.
Lowering the outriggers or tires onto a person's foot can result in serious injury.
Keep clear of outriggers and tires before lowering.

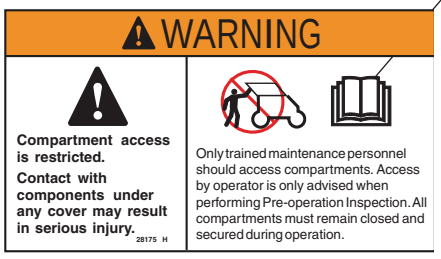
82506
(GS-3232 models only)

WARNING
Crushing hazard.
Lowering the outriggers or tires onto a person's foot can result in serious injury.
Keep clear of outriggers and tires before lowering.

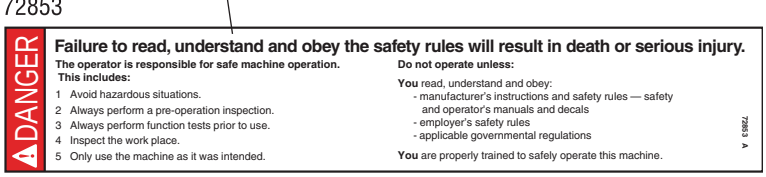
44737


DANGER
Tip-over hazard.
Raising the platform or driving the machine with chassis trays open will result in death or serious injury.
Close chassis trays before raising the platform or driving the machine.
44737 B

28175

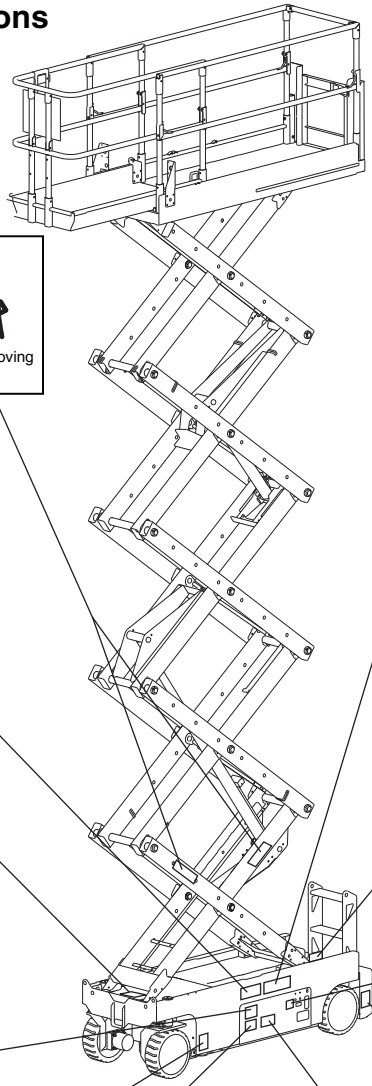

WARNING
Compartment access is restricted.
Contact with components under any cover may result in serious injury.
Only trained maintenance personnel should access compartments. Access by operator is only advised when performing Pre-operation Inspection. All compartments must remain closed and secured during operation.

72853


DANGER
Failure to read, understand and obey the safety rules will result in death or serious injury.
The operator is responsible for safe machine operation. This includes:
1 Avoid hazardous situations.
2 Always perform a pre-operation inspection.
3 Always perform function tests prior to use.
4 Inspect the work place.
5 Only use the machine as it was intended.
Do not operate unless:
You read, understand and obey:
- manufacturer's instructions and safety rules — safety and operator's manuals and decals
- employer's safety rules
- applicable governmental regulations
You are properly trained to safely operate this machine.

General Safety

Safety signs and locations
Decals with words



114385

DANGER

Electrocution Hazard
Death or injury can result from contacting electric power lines.
Always contact the electric power line owner. The electric power shall be disconnected or the power lines moved or insulated before machine operations begin.

114385 A

Maintain required clearance.

Line voltage	Required clearance	
0 to 50KV	10 ft	3.05 m
50KV to 200KV	15 ft	4.60 m
200KV to 350KV	20 ft	6.10 m
350KV to 500KV	25 ft	7.62 m
500KV to 750KV	35 ft	10.67 m
750KV to 1000KV	45 ft	13.72 m

44255

DANGER

Crushing hazard
Contact with moving parts will result in death or serious injury.

44255 C

Keep away from moving parts.

82561

DANGER

Crushing Hazard
Death or serious injury can result from contact with moving scissor arms.

82561 B

Engage safety arm before performing maintenance or repair.

See service manual.

97712

DANGER

Collision Hazard
Failure to secure machine before releasing brakes will result in death or serious injury.

1 Make sure machine is on a firm, level surface or secured.
2 Chock wheels.
3 Release brakes.

INSTRUCTIONS

Brake Release Operation

1 Chock wheels to prevent machine from rolling.
2 Be sure winch line is properly secured to drive chassis tie points and path is clear of all obstructions.
3 Push in black brake release knob to open brake valve.
4 Pump red brake release pump knob.

After machine is loaded:
1 Chock wheels to prevent machine from rolling.
2 Press drive function select button. Press and hold function enable switch on control handle. Move control handle off center to reset brakes.

97712 B

31060

DANGER

Tip-over Hazard
Altering or disabling limit switches can result in machine tip-over. Machine tip-over will result in death or serious injury.

Do not alter or disable limit switch(s).

31060 C

31508

DANGER

Electrocution / Fire Hazard
Death or serious injury will result from use of improper or damaged cord and outlet.

Connect charger to a grounded AC 3-wire electrical outlet only.

Before each use, inspect for damaged cord, cables and wires. Replace damaged items before operating.

31508 D

31788

DANGER

Explosion / Burn Hazard
Ignition of explosive gases or contact with corrosive acid will cause death, burns or blindness

Keep all open flames and sparks away. Wear personal protective equipment, including face shield, gloves and long sleeve shirt.

READ MANUALS
Read all manuals prior to operation.

DO NOT OPERATE equipment if you do not understand the information in the manuals.

Consult your supervisor, the owner or the manufacturer.

31788 C

82506
(GS-3232 models only)

WARNING

Crushing hazard.
Lowering the outriggers or tires onto a person's foot can result in serious injury.

Keep clear of outriggers and tires before lowering.

114360

DANGER

Tip-over hazard.
Failure to replace batteries with proper weight batteries will result in death or serious injury.

=
335 lbs / 152 kg

Batteries are used as counterweight and are critical to machine stability. Each battery must weigh 65 lbs / 29.5 kg. Battery box including batteries must weigh a minimum of 335 lbs / 152 kg.

114360 A

44737

DANGER

Tip-over hazard.
Raising the platform or driving the machine with chassis trays open will result in death or serious injury.

Close chassis trays before raising the platform or driving the machine.

44737 B

82506
(GS-3232 models only)

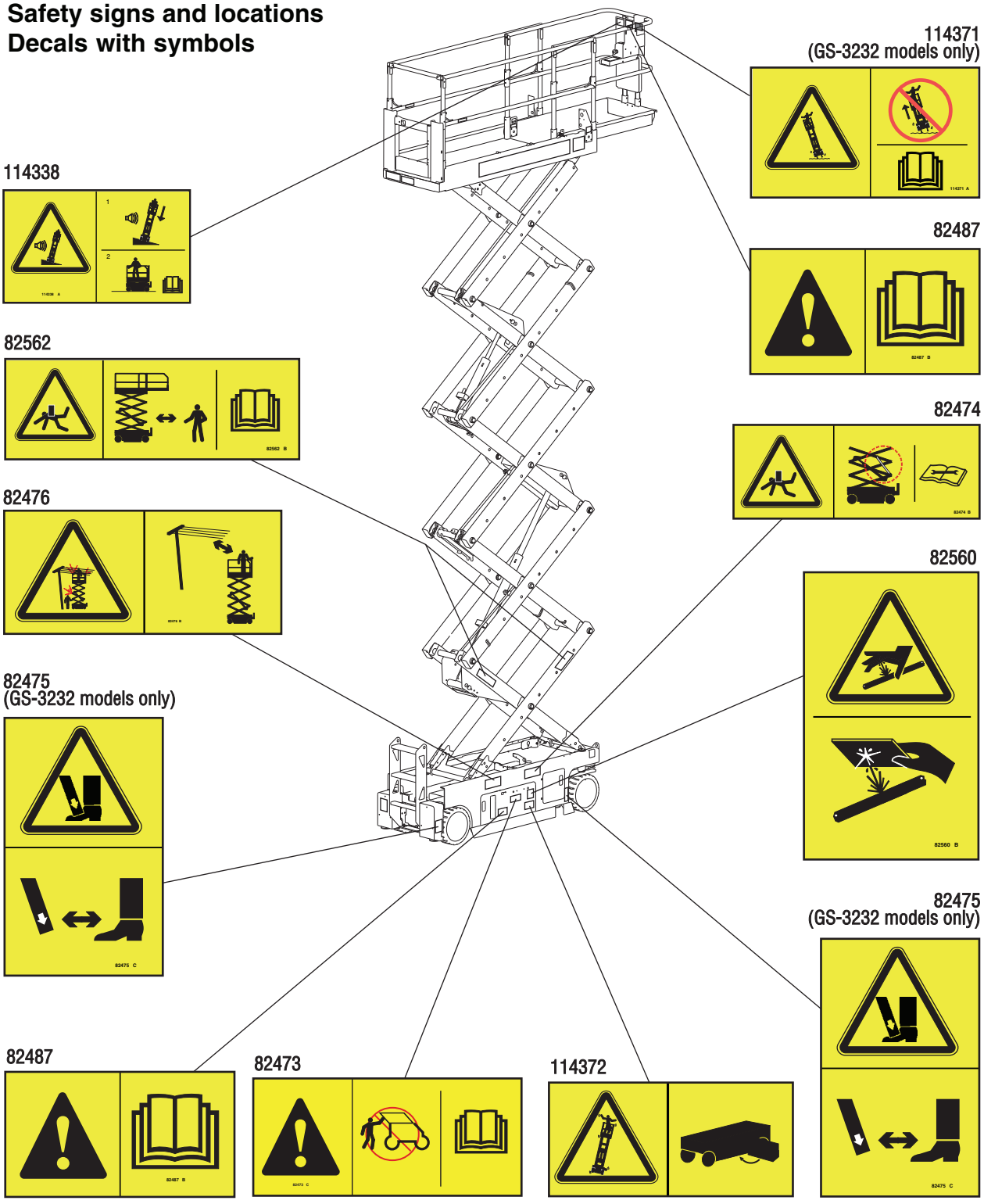
WARNING

Crushing hazard.
Lowering the outriggers or tires onto a person's foot can result in serious injury.

Keep clear of outriggers and tires before lowering.

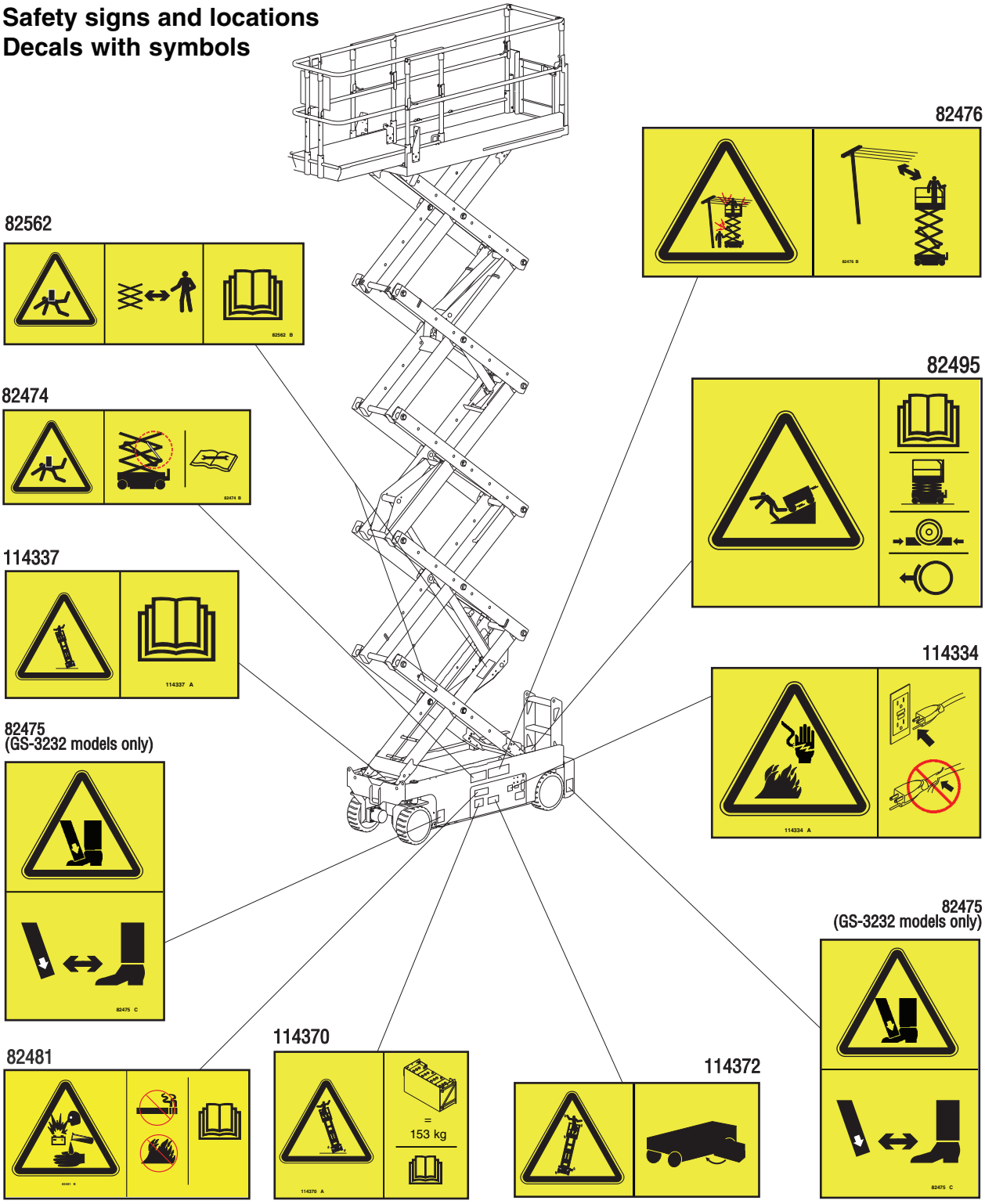
General Safety

Safety signs and locations
Decals with symbols



General Safety

Safety signs and locations
Decals with symbols



Personal Safety

Fall Protection

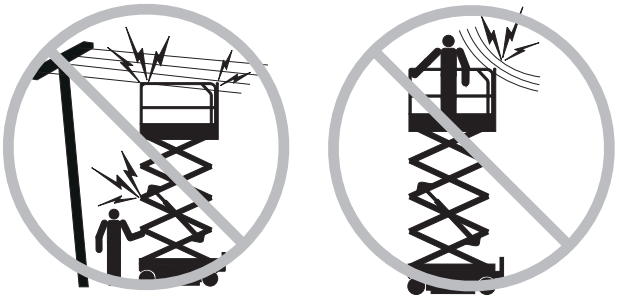
Personal fall protection equipment (PFPE) is not required when operating this machine. If PFPE is required by job site or employer rules, the following shall apply:

All PFPE must comply with applicable governmental regulations, and must be inspected and used in accordance with the manufacturer's instructions.

Work Area Safety

⚠ Electrocution Hazards

This machine is not electrically insulated and will not provide protection from contact with or proximity to electrical current.



Maintain safe distances from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart.

Line Voltage	Required Clearance	
0 to 50KV	10 ft	3.05 m
50KV to 200KV	15 ft	4.60 m
200KV to 350KV	20 ft	6.10 m
350KV to 500KV	25 ft	7.62 m
500KV to 750KV	35 ft	10.67 m
750KV to 1000KV	45 ft	13.72 m

Allow for platform movement, electrical line sway or sag and beware of strong or gusty winds.

Keep away from the machine if it contacts energized power lines. Personnel on the ground or in the platform must not touch or operate the machine until energized power lines are shut off.

Do not operate the machine during lightning or storms.

Do not use the machine as a ground for welding.

⚠ Tip-over Hazards

Occupants, equipment and materials must not exceed the maximum platform capacity or the maximum capacity of the platform extension.

Maximum Capacity				
		Platform extended		
Model	Platform retracted	Platform only	Extension only	Maximum occupants
GS-1530	600 lbs 272 kg	350 lbs 159 kg	250 lbs 113 kg	2
GS-1930	500 lbs 227 kg	250 lbs 113 kg	250 lbs 113 kg	2
GS-2032	800 lbs 363 kg	550 lbs 249 kg	250 lbs 113 kg	2
GS-2632	500 lbs 227 kg	250 lbs 113 kg	250 lbs 113 kg	2
GS-3232	500 lbs 227 kg	250 lbs 113 kg	250 lbs 113 kg	2
GS-2046	1200 lbs 544 kg	950 lbs 431 kg	250 lbs 113 kg	4
GS-2646	1000 lbs 454 kg	750 lbs 340 kg	250 lbs 113 kg	3
GS-3246	700 lbs 318 kg	450 lbs 204 kg	250 lbs 113 kg	2

Platform retracted

Platform extended

Extension only

Platform only

Work Area Safety

Do not raise the platform unless the machine is on a firm, level surface.

Do not depend on the tilt alarm as a level indicator. The tilt alarm sounds on the chassis only when the machine is on a slope.

If the tilt alarm sounds:
Lower the platform. Move the machine to a firm, level surface. If the tilt alarm sounds when the platform is raised, use extreme caution to lower the platform.

Do not drive over 0.5 mph / 0.8 km/h with the platform raised.

Do not raise the platform when wind speeds may exceed 28 mph / 12.5 m/s. If wind speeds exceed 28 mph / 12.5 m/s when the platform is raised, lower the platform and do not continue to operate the machine.

Do not operate the machine in strong or gusty winds. Do not increase the surface area of the platform or the load. Increasing the area exposed to the wind will decrease machine stability.

Use extreme care and slow speeds while driving the machine in a stowed position across uneven terrain, debris, unstable or slippery surfaces and near holes and drop-offs.

Do not drive the machine on or near uneven terrain, unstable surfaces or other hazardous conditions with the platform raised.

Do not use the machine as a crane.

Do not push the machine or other objects with the platform.

Do not contact adjacent structures with the platform.

Do not tie the platform to adjacent structures.

Do not place loads outside the platform perimeter.

Do not operate the machine with the chassis trays open.

Work Area Safety

Do not push off or pull toward any object outside of the platform.

Model	Maximum allowable side force	Maximum number of occupants
GS-1530	100 lbs / 445 N	2
GS-1930	100 lbs / 445 N	2
GS-2032	120 lbs / 534 N	2
GS-2632	100 lbs / 445 N	2
GS-3232	100 lbs / 445 N	2
GS-2046	200 lbs / 890 N	4
GS-2646	150 lbs / 667 N	3
GS-3246	105 lbs / 467 N	2

Do not alter or disable the limit switches.

Do not alter or disable machine components that in any way affect safety and stability.

Do not replace items critical to machine stability with items of different weight or specification.

Do not use batteries that weigh less than the original equipment. Batteries are used as counterweight and are critical to machine stability. Each battery must weigh 65 pounds / 29.5 kg. Battery box including batteries must weigh a minimum of 335 lbs / 152 kg.

Do not modify or alter an aerial work platform without prior written permission from the manufacturer. Mounting attachments for holding tools or other materials onto the platform, toeboards or guard rail system can increase the weight in the platform and the surface area of the platform or the load.

Do not place or attach fixed or overhanging loads to any part of this machine.

Do not place ladders or scaffolds in the platform or against any part of this machine.

Do not transport tools and materials unless they are evenly distributed and can be safely handled by person(s) in the platform.

Do not use the machine on a moving or mobile surface or vehicle.

Be sure all tires are in good condition, castle nuts are properly tightened and cotter pins are properly installed.

Work Area Safety

If equipped with outriggers

Do not set the machine up where it cannot be leveled using only the outriggers.

Do not adjust the outriggers while the platform is raised.

Do not drive while the outriggers are lowered.

⚠ Crushing Hazard

Keep hands and limbs out of scissors.

Keep hands clear when folding rails.

Do not work under the platform or in the scissor links without the safety arm in place.

Use common sense and planning when operating the machine with the controller from the ground. Maintain safe distances between the operator, the machine and fixed objects.

⚠ Operation on Slopes Hazards

Do not drive the machine on a slope that exceeds the slope and side slope rating of the machine. Slope rating applies to machines in the stowed position.

Model	Maximum slope rating stowed position	Maximum side slope rating stowed position
GS-1530	30% (17°)	30% (17°)
GS-1930	30% (17°)	30% (17°)
GS-2032	30% (17°)	30% (17°)
GS-2632	25% (14°)	25% (14°)
GS-3232	25% (14°)	25% (14°)
GS-2046	30% (17°)	30% (17°)
GS-2646	30% (17°)	30% (17°)
GS-3246	25% (14°)	25% (14°)

Note: Slope rating is subject to ground conditions and adequate traction.

⚠ Fall Hazards

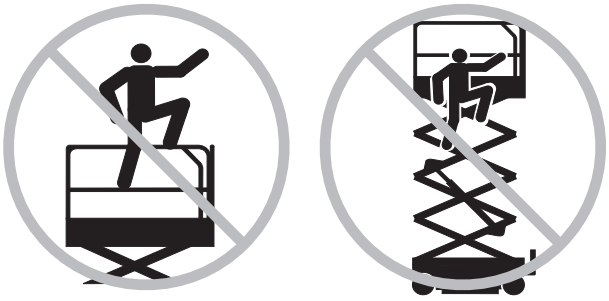
The guard rail system provides fall protection. If occupants of the platform are required to wear personal fall protection equipment (PFPE) due to job site or employer rules, PFPE and its use shall be in accordance with the PFPE manufacturer's instructions and applicable governmental requirements. Use approved lanyard attachment point provided.

Keep the platform floor clear of debris.

Attach the platform entry chain or close the entry gate before operating.

Do not operate the machine unless the guard rails are properly installed and the entry is secured for operation.

Do not sit, stand or climb on the platform guard rails. Maintain a firm footing on the platform floor at all times.

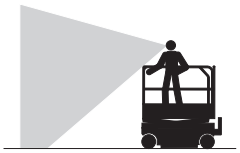


Do not climb down from the platform when raised.

Do not enter or exit the platform unless the machine is in the stowed position.

Work Area Safety

⚠ Collision Hazards



Be aware of limited sight distance and blind spots when driving or operating.

Be aware of extended platform position when moving the machine.

The machine must be on a level surface or secured before releasing the brakes.

Check the work area for overhead obstructions or other possible hazards.

Be aware of crushing hazards when grasping the platform guard rail.

Operators must comply with employer, job site and governmental rules regarding use of personal protective equipment.

Do not lower the platform unless the area below is clear of personnel and obstructions.

Limit travel speed according to the condition of the ground surface, congestion, slope, location of personnel, and any other factors which may cause collision.

Do not operate a machine in the path of any crane or moving overhead machinery unless the controls of the crane have been locked out and/or precautions have been taken to prevent any potential collision.

No stunt driving or horseplay while operating a machine.

Work Area Safety

⚠ Bodily Injury Hazard

Do not operate the machine with a hydraulic oil or air leak. An air leak or hydraulic leak can penetrate and/or burn skin.

Improper contact with components under any cover will cause serious injury. Only trained maintenance personnel should access compartments. Access by the operator is only advised when performing a pre-operation inspection. All compartments must remain closed and secured during operation.

⚠ Explosion and Fire Hazards

Do not operate the machine or charge the battery in hazardous locations or locations where potentially flammable or explosive gases or particles may be present.

⚠ Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Conduct a thorough pre-operation inspection of the machine and test all functions before each work shift. Immediately tag and remove from service a damaged or malfunctioning machine.

Be sure all maintenance has been performed as specified in this manual and the appropriate service manual.

Be sure all decals are in place and legible.

Be sure the operator's, safety, and responsibilities manuals are complete, legible and in the storage container located on the platform.

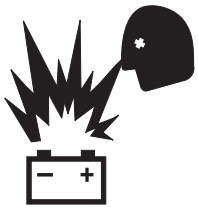
⚠ Component Damage Hazards

Do not use any battery charger greater than 24V to charge the batteries.

Do not use the machine as a ground for welding.

⚠ Battery Safety

Burn Hazards



Batteries contain acid. Always wear protective clothing and eye wear when working with batteries.

Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

Do not expose the batteries or the charger to water or rain during charging.

Explosion Hazards

Keep sparks, flames and lighted tobacco away from batteries. Batteries emit an explosive gas.

The battery tray should remain open during the entire charging cycle.

Do not contact the battery terminals or the cable clamps with tools that may cause sparks.

Component Damage Hazard

Do not use any battery charger greater than 24V to charge the batteries.

Electrocution/Burn Hazards

Connect the battery charger to a grounded, AC 3-wire electrical outlet only.

Inspect daily for damaged cords, cables and wires. Replace damaged items before operating.

Avoid electrical shock from contact with battery terminals. Remove all rings, watches and other jewelry.

Tip-over Hazard

Do not use batteries that weigh less than the original equipment. Batteries are used as counterweight and are critical to machine stability. Each battery must weigh 65 pounds / 29.5 kg. Battery tray including batteries must weigh a minimum of 335 lbs / 152 kg.

Lifting Hazard

Use the appropriate number of people and proper lifting techniques when lifting batteries.

Lockout After Each Use

1 Select a safe parking location—firm level surface, clear of obstruction and traffic.

2 Lower the platform.

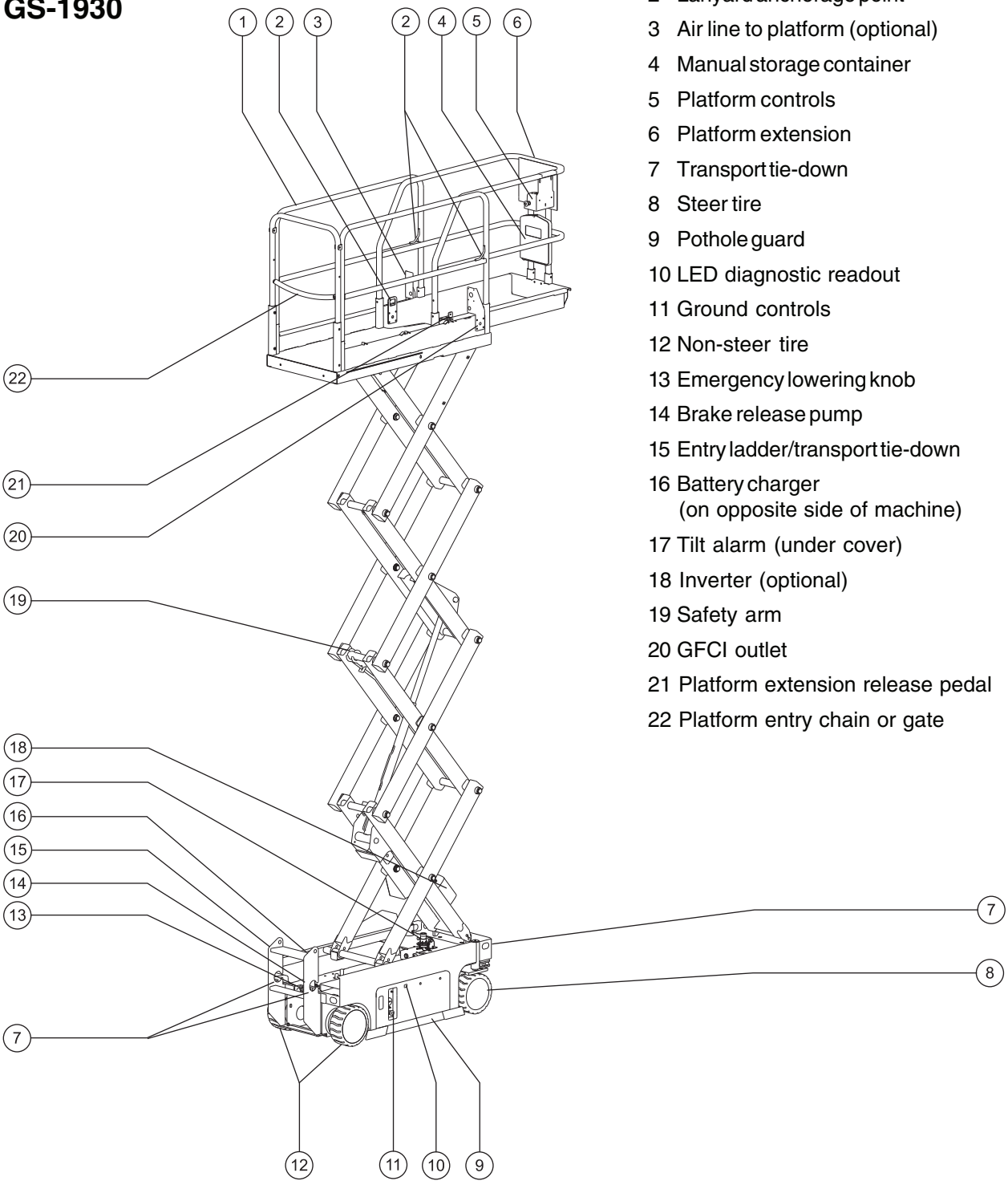
3 Turn the key switch to the off position and remove the key to secure from unauthorized use.

4 Chock the wheels.

5 Charge the batteries.

Legend

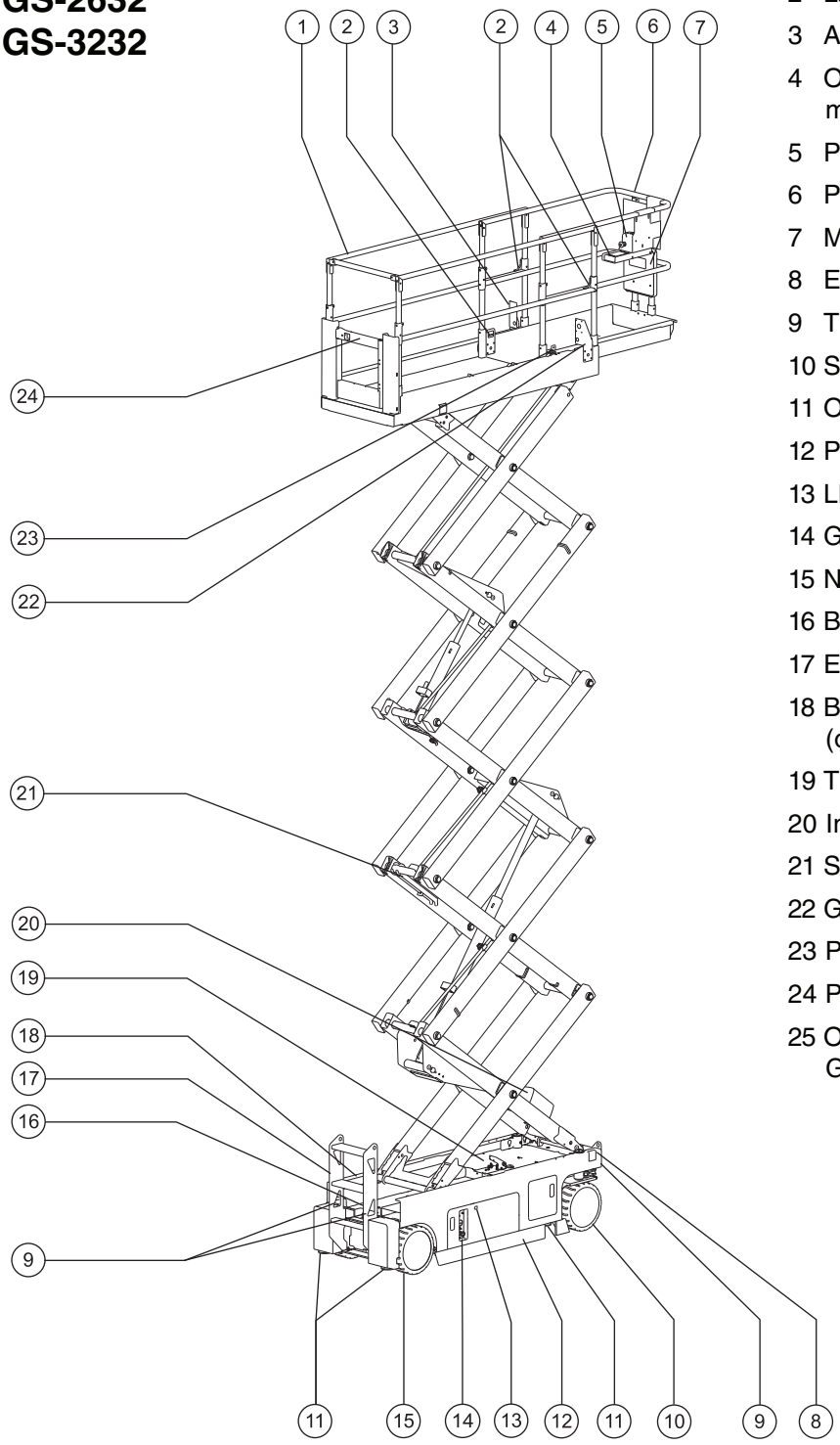
GS-1530
GS-1930



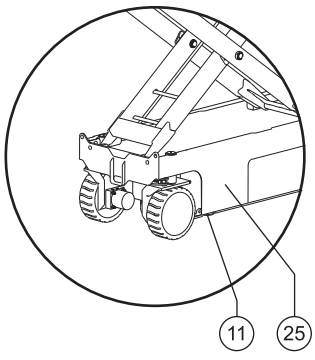
1 Platform guard rails
2 Lanyard anchorage point
3 Air line to platform (optional)
4 Manual storage container
5 Platform controls
6 Platform extension
7 Transport tie-down
8 Steer tire
9 Pothole guard
10 LED diagnostic readout
11 Ground controls
12 Non-steer tire
13 Emergency lowering knob
14 Brake release pump
15 Entry ladder/transport tie-down
16 Battery charger
(on opposite side of machine)
17 Tilt alarm (under cover)
18 Inverter (optional)
19 Safety arm
20 GFCI outlet
21 Platform extension release pedal
22 Platform entry chain or gate

Legend

GS-2032
GS-2632
GS-3232

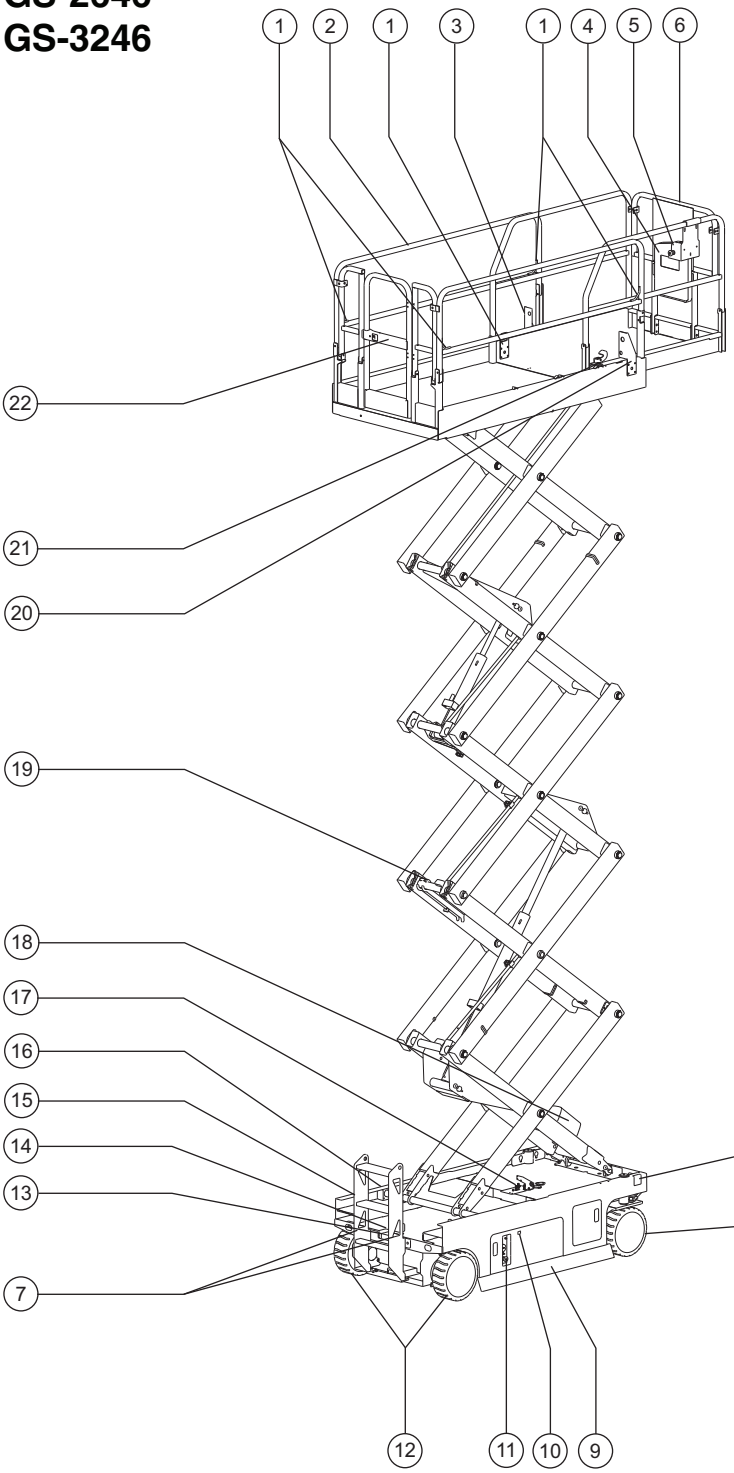


1 Platform guard rails
2 Lanyard anchorage point
3 Air line to platform (optional)
4 Outrigger controls - GS-3232 models
5 Platform controls
6 Platform extension
7 Manual storage container
8 Emergency lowering knob
9 Transport tie-down
10 Steer tire
11 Outrigger - GS-3232 models
12 Pothole guard
13 LED diagnostic readout
14 Ground controls
15 Non-steer tire
16 Brake release pump
17 Entry ladder/transport tie-down
18 Battery charger (on opposite side of machine)
19 Tilt alarm (under cover)
20 Inverter (optional)
21 Safety arm
22 GFCI outlet
23 Platform extension release pedal
24 Platform entry chain or gate
25 Outrigger control ECM GS-3232 models



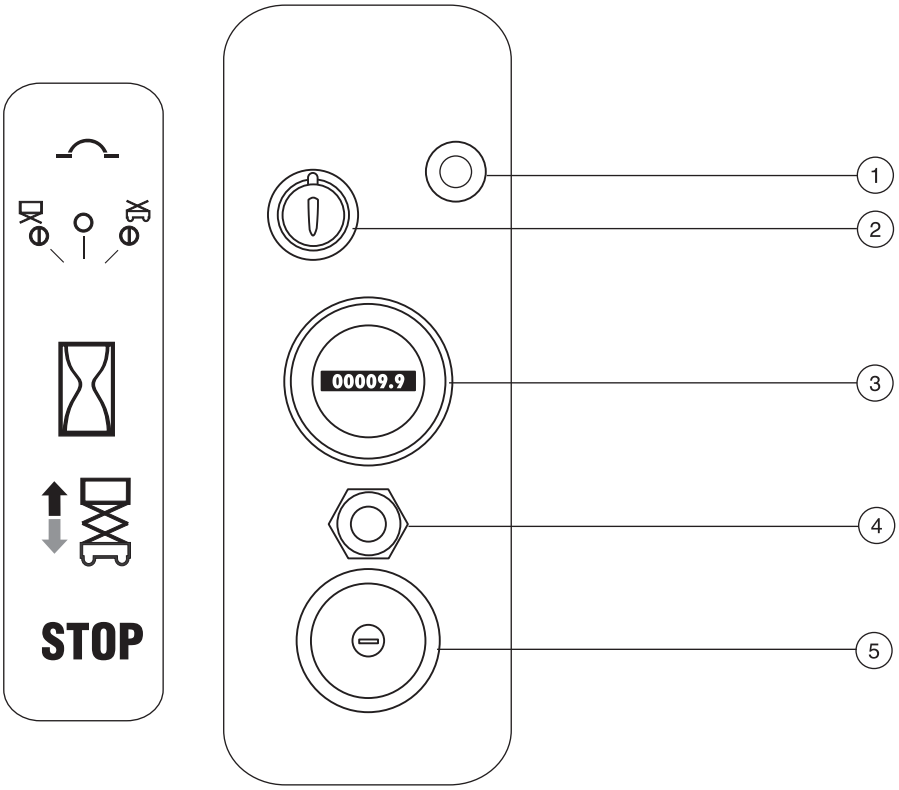
Legend

GS-2046
GS-2646
GS-3246



1 Lanyard anchorage point
2 Platform guard rails
3 Air line to platform (optional)
4 Manual storage container
5 Platform controls
6 Platform extension
7 Transport tie-down
8 Steer tire
9 Pothole guard
10 LED diagnostic readout
11 Ground controls
12 Non-steer tire
13 Emergency lowering knob
14 Brake release pump
15 Entry ladder/transport tie-down
16 Battery charger
(on opposite side of machine)
17 Tilt alarm (under cover)
18 Inverter (optional)
19 Safety arm
20 GFCI outlet
21 Platform extension release pedal
22 Platform entry chain or gate

Controls



Ground Control Panel

1 7 amp breaker for electric circuits

2 Key switch for platform/off/ground selection

Turn the key switch to the platform position and the platform controls will operate. Turn the key switch to the off position and the machine will be off. Turn the key switch to the base position and the ground controls will operate.

3 Hour meter

Indicates the number of hours the machine has been put into use.

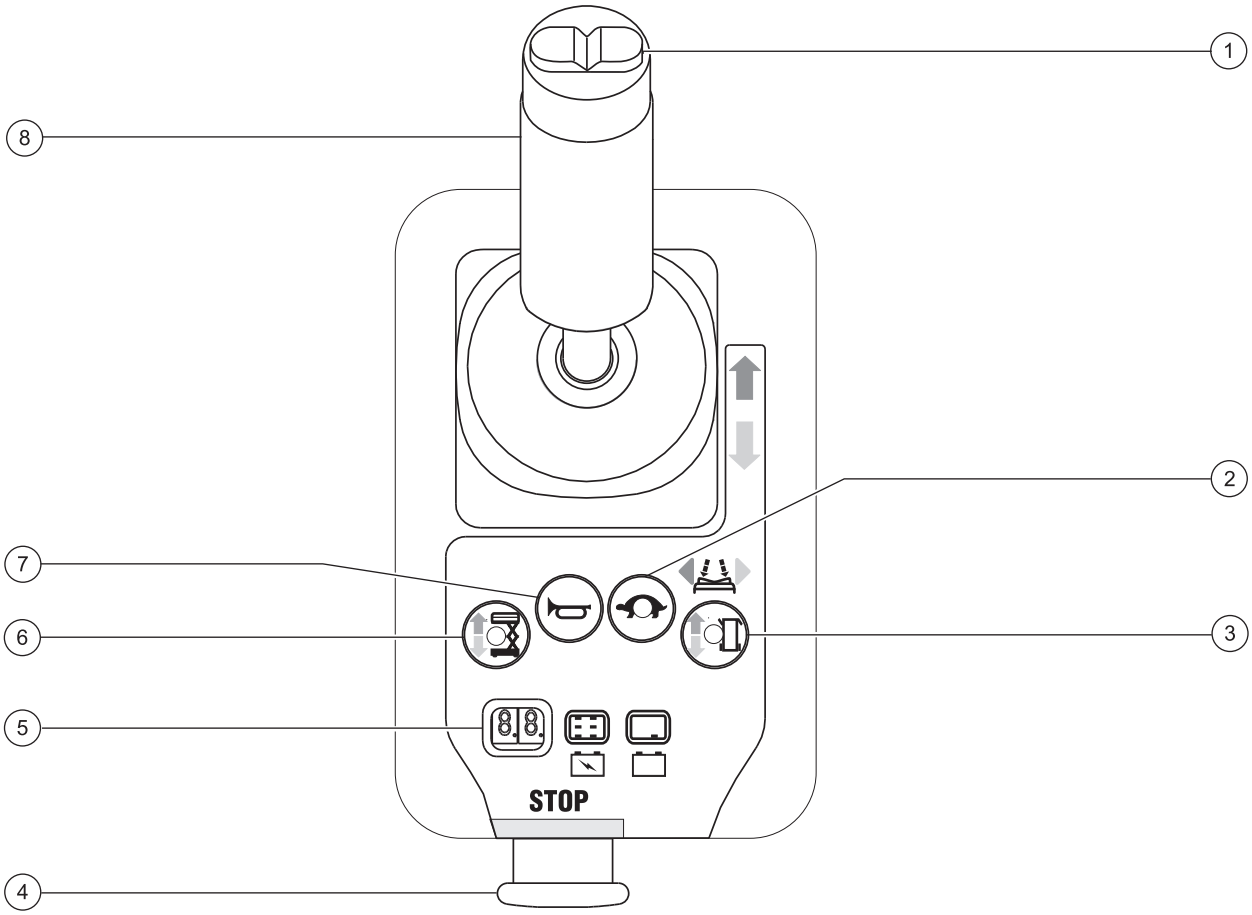
4 Platform up/down toggle switch

Move the switch up and the platform will raise. Move the switch down and the platform will lower.

5 Red Emergency Stop button

Push in the red Emergency Stop button to the off position to stop all functions. Pull out the red Emergency Stop button to the on position to operate the machine.

Controls



Platform Control Panel

1 Thumb rocker switch for steer functions

2 Drive speed button

3 Drive function select button

4 Red Emergency Stop button

5 LED

6 Lift function select button

7 Horn button

8 Proportional control handle and function enable switch for lift and drive functions

Controls

Platform Control Panel

1 Thumb rocker switch for steer functions

Press the thumb rocker switch in either direction to activate steer function.

2 Drive speed button

Press this button to activate the slow or fast drive function.

3 Drive function select button

Press this button to activate the drive function.

4 Red Emergency Stop button

Push in the red Emergency Stop button to the off position to stop all functions. Pull out the red Emergency Stop button to the on position to operate the machine.

5 LED

Diagnostic read out and battery charge indicator.

6 Lift function select button

Press this button to activate the lift function.

7 Horn Button

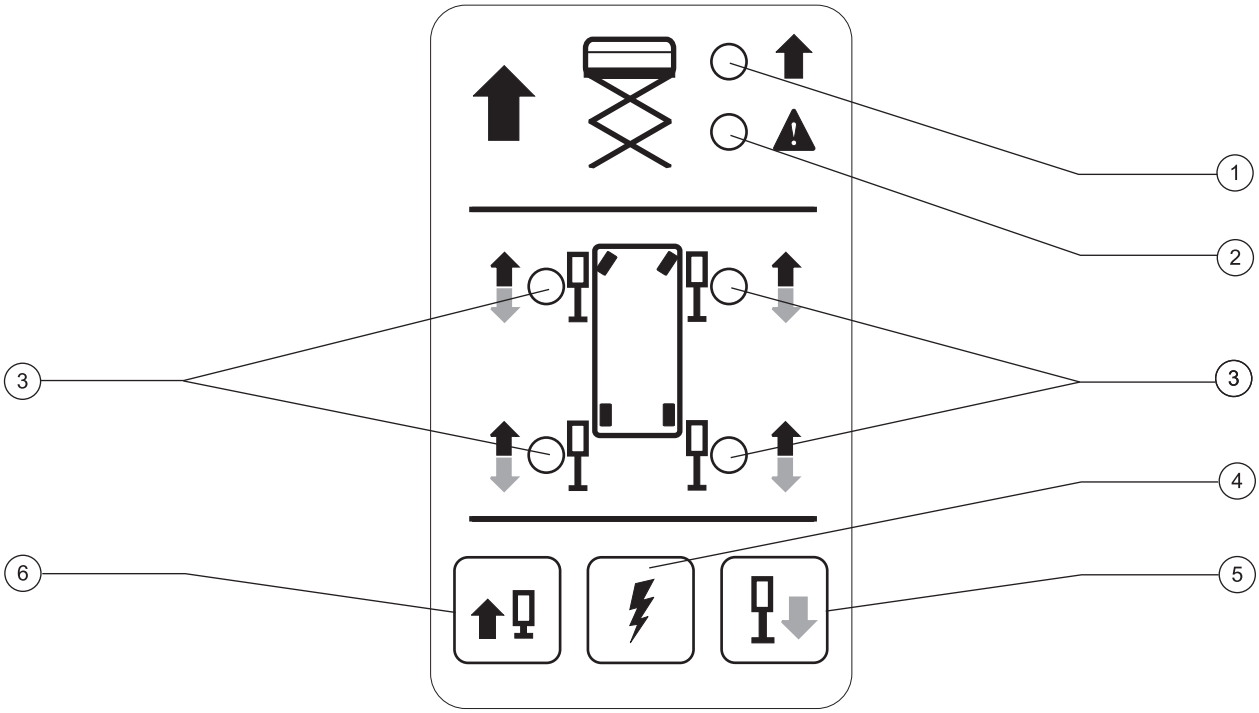
Push the horn button and the horn will sound. Release the horn button and the horn will stop.

8 Proportional control handle and function enable switch for lift and drive functions

Lift function: Press and hold the function enable switch to enable the lift function on the platform control handle. Move the control handle in the direction indicated by the blue arrow and the platform will raise. Move the control handle in the direction indicated by the yellow arrow and the platform will lower. The descent alarm should sound while the platform is lowering.

Drive function: Press and hold the function enable switch to enable the drive function on the platform control handle. Move the control handle in the direction indicated by the blue arrow on the control panel and the machine will move in the direction that the blue arrow points. Move the control handle in the direction indicated by the yellow arrow on the control panel and the machine will move in the direction that the yellow arrow points.

Controls



Outrigger Control Panel (GS-3232)

1 Lift enable indicator

Turns green to indicate that the up/down function can be operated.

2 Lift error indicator light

Turns red to indicate that the up/down function cannot be operated.

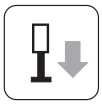
3 Individual outrigger indicator light

Turns solid green to indicate the outriggers made contact with the ground. Flashes red or solid red to indicate an error.

4 Function enable button

Press and hold the button to activate the outrigger extend or outrigger retract button.

5 Outrigger extend button



Press this button and the outriggers will extend.

6 Outrigger retract button

Press this button and the outriggers will retract.

Inspections

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

Know and understand the pre-operation inspection before going on to the next section.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Pre-operation Inspection Fundamentals

It is the responsibility of the operator to perform a pre-operation inspection and routine maintenance.

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

The pre-operation inspection also serves to determine if routine maintenance procedures are required. Only routine maintenance items specified in this manual may be performed by the operator.

Refer to the list on the next page and check each of the items.

If damage or any unauthorized variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications. After repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications and the requirements listed in the responsibilities manual.

Inspections

Pre-operation Inspection

- ❑ Be sure that the operator's, safety and responsibilities manuals are complete, legible and in the storage container located in the platform.
- ❑ Be sure that all decals are legible and in place. See Inspections section.
- ❑ Check for hydraulic oil leaks and proper oil level. Add oil if needed. See Maintenance section.
- ❑ Check for battery fluid leaks and proper fluid level. Add distilled water if needed. See Maintenance section.

Check the following components or areas for damage, improperly installed or missing parts and unauthorized modifications:

- ❑ Electrical components, wiring and electrical cables
- ❑ Hydraulic hoses, fittings, cylinders and manifolds
- ❑ Battery pack and connections
- ❑ Drive motors
- ❑ Wear pads
- ❑ Tires and wheels
- ❑ Ground strap
- ❑ Limit switches, alarms and horn
- ❑ Alarms and beacons (if equipped)
- ❑ Nuts, bolts and other fasteners
- ❑ Platform entry chain or gate
- ❑ Brake release components
- ❑ Safety Arm
- ❑ Pothole guards
- ❑ Platform extension
- ❑ Scissor pins and retaining fasteners
- ❑ Platform control joystick

Check entire machine for:

- ❑ Cracks in welds or structural components
- ❑ Dents or damage to machine
- ❑ Excessive rust, corrosion or oxidation

- ❑ Be sure that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened.
- ❑ Be sure side rails are installed and bolts are fastened.
- ❑ Be sure that the chassis trays are closed and latched and the batteries are properly connected.

Note: If the platform must be raised to inspect the machine, make sure the safety arm is in place. See Operating Instructions section.

Inspections

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

Know and understand the function tests before going on to the next section.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Function Test Fundamentals

The function tests are designed to discover any malfunctions before the machine is put into service. The operator must follow the step-by-step instructions to test all machine functions.

A malfunctioning machine must never be used. If malfunctions are discovered, the machine must be tagged and removed from service. Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications.

After repairs are completed, the operator must perform a pre-operation inspection and function tests again before putting the machine into service.

Inspections

1 Select a test area that is firm, level and free of obstruction.

2 Be sure the battery pack is connected.

At the Ground Controls

3 Pull out the platform and ground red Emergency Stop buttons to the on position.

4 Turn the key switch to ground control.

5 Observe the diagnostic LED readout on the platform controls.

⊙ Result: The LED should look like the picture at right.

Test Emergency Stop

6 Push in the ground red Emergency Stop button to the off position.

⊙ Result: No functions should operate.

7 Pull out the red Emergency Stop button to the on position.

Test the Up/Down Functions

The audible warnings on this machine and the standard horn all come from the same central alarm. The horn is a constant tone. The descent alarm sounds at 60 beeps per minute. The alarm that goes off when the pothole guards have not deployed sounds at 300 beeps per minute. The alarm that goes off when the machine is not level sounds at 600 beeps per minute. An optional automotive-style horn is also available.

8 Activate the up function.

⊙ Result: The platform should raise.

9 Activate the down function.

⊙ Result: The platform should lower. The descent alarm should sound while the platform is lowering.

Test Emergency Lowering

10 Activate the up function and raise the platform approximately 2 ft / 60 cm.

11 Pull the emergency lowering knob located behind the entry ladder.

⊙ Result: The platform should lower. The descent alarm will not sound.

12 Turn the key switch to platform control.

At the Platform Controls

Test Emergency Stop

13 Push in the platform red Emergency Stop button to the off position.

⊙ Result: No functions should operate.

Test the Horn

14 Pull out the red Emergency Stop button to the on position.

15 Push the horn button.

⊙ Result: The horn should sound.

Inspections

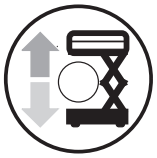
Test the Function Enable Switch

16 Do not hold the function enable switch on the control handle.

17 Slowly move the control handle in the direction indicated by the blue arrow, then in the direction indicated by the yellow arrow.

⊙ Result: No functions should operate.

Test the Up/Down Functions



18 Press the lift function select button.

19 Press and hold the function enable switch on the control handle.

20 Slowly move the control handle in the direction indicated by the blue arrow.

⊙ Result: The platform should raise. The pothole guards should deploy.

21 Release the control handle.

⊙ Result: The platform should stop raising.

22 Press and hold the function enable switch. Slowly move the control handle in the direction indicated by the yellow arrow.

⊙ Result: The platform should lower. The descent alarm should sound while the platform is lowering.

Test the Steering

Note: When performing the steer and drive function tests, stand in the platform facing the steer end of the machine.

23 Press the drive function select switch.

24 Press and hold the function enable switch on the control handle.

25 Depress the thumb rocker switch on top of the control handle in the direction identified by the blue triangle on the control panel.

⊙ Result: The steer wheels should turn in the direction that the blue triangle points on the control panel.

26 Depress the thumb rocker switch in the direction identified by the yellow triangle on the control panel.

⊙ Result: The steer wheels should turn in the direction that the yellow triangle points on the control panel.

Inspections

Test Drive and Braking

27 Press and hold the function enable switch.

28 Slowly move the control handle in the direction indicated by the blue arrow on the control panel until the machine begins to move, then return the handle to the center position.

⊙ Result: The machine should move in the direction that the blue arrow points on the control panel, then come to an abrupt stop.

29 Slowly move the control handle in the direction indicated by the yellow arrow on the control panel until the machine begins to move, then return the handle to the center position.

⊙ Result: The machine should move in the direction that the yellow arrow points on the control panel, then come to an abrupt stop.

Note: The brakes must be able to hold the machine on any slope it is able to climb.

Test the Tilt Sensor Operation

Note: Perform this test from the ground with the platform controller. Do not stand in the platform.

30 Fully lower the platform.

31 Place a 2x4 or similar piece of wood under both wheels on one side and drive the machine up onto them.

32 Raise the platform approximately 7 ft / 2.1 m from the ground.

⊙ Result: The platform should stop elevating and the tilt alarm will sound at 600 beeps per minute.

33 Move the drive control handle in the direction indicated by the blue arrow, then move the drive control handle in the direction indicated by the yellow arrow.

⊙ Result: The drive function should not work in either direction.

34 Lower the platform and remove both pieces of wood.

Inspections

Test Limited Drive Speed

35 Press the lift function select button.

36 Press and hold the function enable switch. Raise the platform approximately 4 ft /1.2 m from the ground.

⊙ Result: The pothole guards should deploy.

37 Press the drive function select switch.

38 Press and hold the function enable switch. Slowly move the control handle to the full drive position.

⊙ Result: The maximum achievable drive speed with the platform raised should not exceed 0.7 ft per second / 20 cm/s.

If the drive speed with the platform raised exceeds 0.7 ft per second / 20 cm/s, immediately tag and remove the machine from service.

Test the Pothole Guards

Note: The pothole guards should automatically deploy when the platform is raised. The pothole guards activate another limit switch which allows the machine to continue to function. If the pothole guards do not deploy, an alarm sounds and the machine will not drive.

39 Raise the platform.

⊙ Result: When the platform is raised 4 ft / 1.2 m from the ground, the pothole guards should deploy.

40 Press on the pothole guards on one side, and then the other.

⊙ Result: The pothole guards should not move.

41 Lower the platform.

⊙ Result: The pothole guards should return to the stowed position.

42 Place a 2x4 or similar piece of wood under a pothole guard. Raise the platform.

⊙ Result: Before the platform is raised 7 ft / 2.1 m from the ground, an alarm should sound and the drive function should not work.

43 Lower the platform and remove the 2x4.

Inspections

Test the Outrigger System (GS-3232)

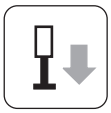
44 Press the lift function select button.

45 Press and hold the function enable switch on the control handle.

46 Slowly move the control handle in the direction indicated by the blue arrow.

⊙ Result: The platform should raise to 22 ft /6.7 m and stop. The lift error indicator light will turn red.

47 Fully lower the platform.



48 Press and hold the outrigger extend button.

⊙ Result: The outriggers should not extend.

49 Press and hold the function enable button. Press and hold the outrigger extend button.

⊙ Result: The outriggers should extend. The individual outrigger LED indicator lights will turn green as the corresponding outrigger makes contact with the ground.

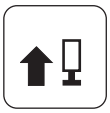
Continue pressing the function enable and the outrigger extend buttons until the lift enable indicator light turns green and a beep is heard. The machine is now level. At this point, the drive and steer functions are disabled.

50 Press and hold the function enable switch on the control handle.

51 Slowly move the control handle in the direction indicated by the blue arrow.

⊙ Result: The platform should raise to 32 ft / 9.8 m and stop.

52 Fully lower the platform.



53 Press and hold the outrigger retract button.

⊙ Result: The outriggers should not retract.

54 Press and hold the function enable button. Press and hold the outrigger retract button.

⊙ Result: The outriggers should start retracting.

Release the function enable and the outrigger retract buttons once the outriggers are off the ground. After approximately 5 seconds, the outrigger indicator lights will turn off. All functions are now restored.

Note: The machine drive speeds are reduced the first time the drive function is enabled after retracting the outriggers. The drive speeds are restored to normal after driving for approximately 6 seconds.

Inspections

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

Know and understand the workplace inspection before going on to the next section.

5 Only use the machine as it was intended.

Fundamentals

The workplace inspection helps the operator determine if the workplace is suitable for safe machine operation. It should be performed by the operator prior to moving the machine to the workplace.

It is the operator's responsibility to read and remember the workplace hazards, then watch for and avoid them while moving, setting up and operating the machine.

Workplace Inspection

Be aware of and avoid the following hazardous situations:

- drop-offs or holes
- bumps, floor obstructions or debris
- sloped surfaces
- unstable or slippery surfaces
- overhead obstructions and high voltage conductors
- hazardous locations
- inadequate surface support to withstand all load forces imposed by the machine
- wind and weather conditions
- the presence of unauthorized personnel
- other possible unsafe conditions

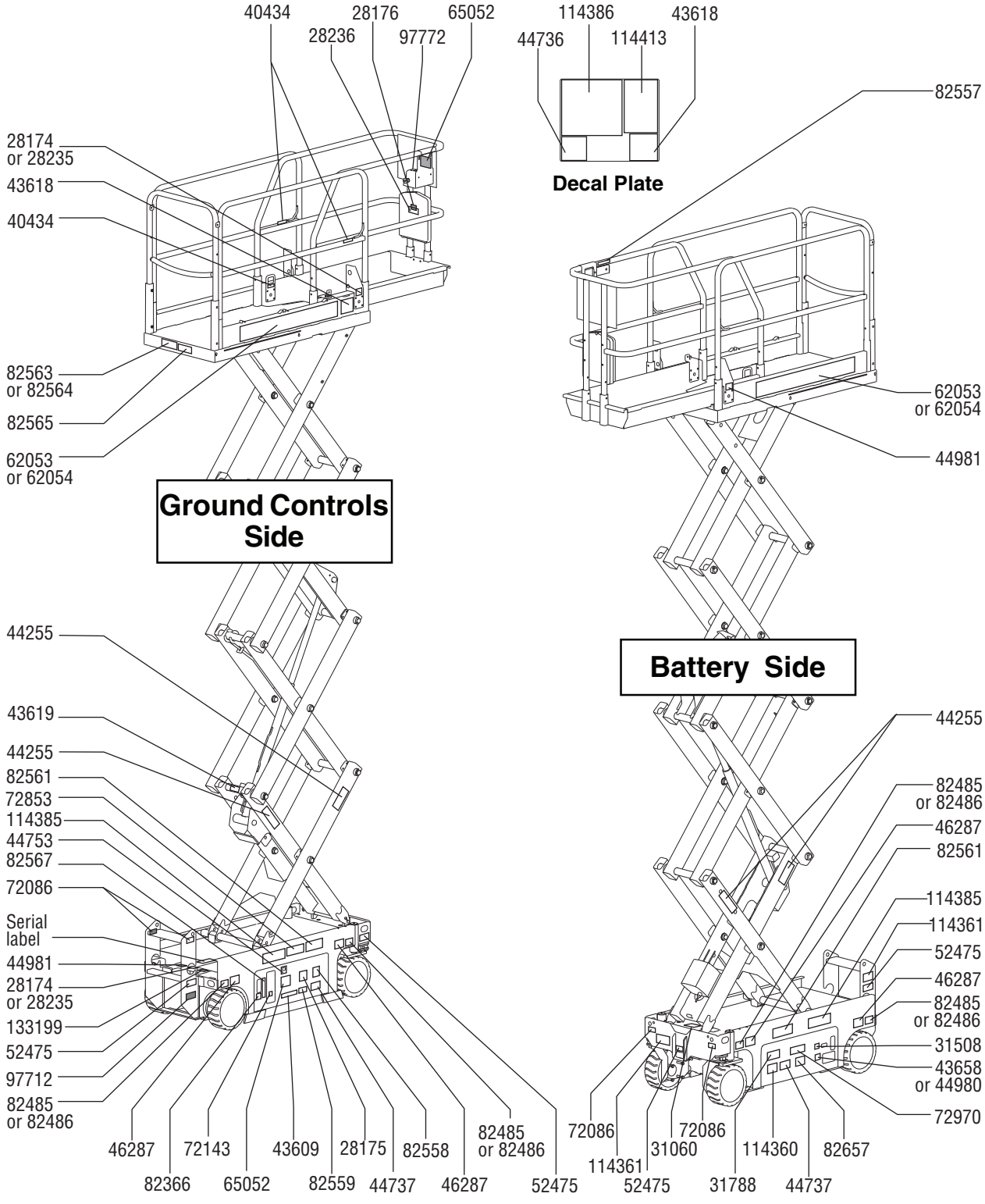
Inspections

Inspection for Decals with Words GS-1530 and GS-1930

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Description	Quantity
28174	Label - Power to Platform, 230V	2
28175	Warning - Compartment Access	1
28176	Label - Missing Manuals	1
28235	Label - Power to Platform, 115V	2
28236	Warning - Improper Operation	1
31060	Danger - Tip Over Hazard, Limit Switch	1
31508	Danger - Electrocution Hazard	1
31788	Danger - Battery Safety	1
40434	Label - Lanyard Anchorage	3
43089	Instructions - Operation, Ground Control	1
43093	Label - Tire Specification	4
43618	Label - Directional Arrows	2
43619	Label - Safety Arm	1
43658	Label - Power to Charger, 230V	1
44255	Danger - Crushing Hazard	4
44736	Danger - Tip-over Hazard, Tilt Alarm	1
44737	Danger - Tip-over Hazard, Trays Open	2
44753	Label - LED Diagnostic Readout	1
44980	Label - Power to Charger, 115V	1
44981	Label - Air Line to Platform, 110 PSI	2
52475	Label - Transport Tie-down	5
62053	Cosmetic - Genie GS-1530	2
62054	Cosmetic - Genie GS-1930	2
65052	Label - ECM Fault Codes	2
72086	Label - Lifting Eye	4
72143	Label - Emergency Stop	1
72853	Danger - Improper Use Hazard	1
72970	Instructions - Battery Charger Operation	1
82366	Label - Chevron Rykon	1
82485	Label - Wheel Load, GS-1530	4
82486	Label - Wheel Load, GS-1930	4
82557	Label - Platform Controls Location	1
82558	Warning - Skin Injection Hazard	1
82559	Instructions - Annual Inspection	1
82561	Danger - Crushing Hazard	2
82563	Instructions - Max Cap, 500 lbs / 227 kg, GS-1930	1
82564	Instructions - Max Cap, 600 lbs / 272 kg, GS-1530	1
82565	Instructions - Maximum Side Force	1
82567	Ground Control Panel	1
82657	Instructions - Battery Connection Diagram	1
97712	Danger/Instructions - Brake Release Safety and Operation	1
97772	Platform Control Panel	1
114360	Danger - Tip-over Hazard, Batteries	1
114361	Label - Transport Diagram	2
114385	Danger - Electrocution Hazard	2
114386	Danger - General Safety Rules	1
114413	Instructions - Operation, Platform Control	1
133199	Label - Emergency Lowering	1

Inspections



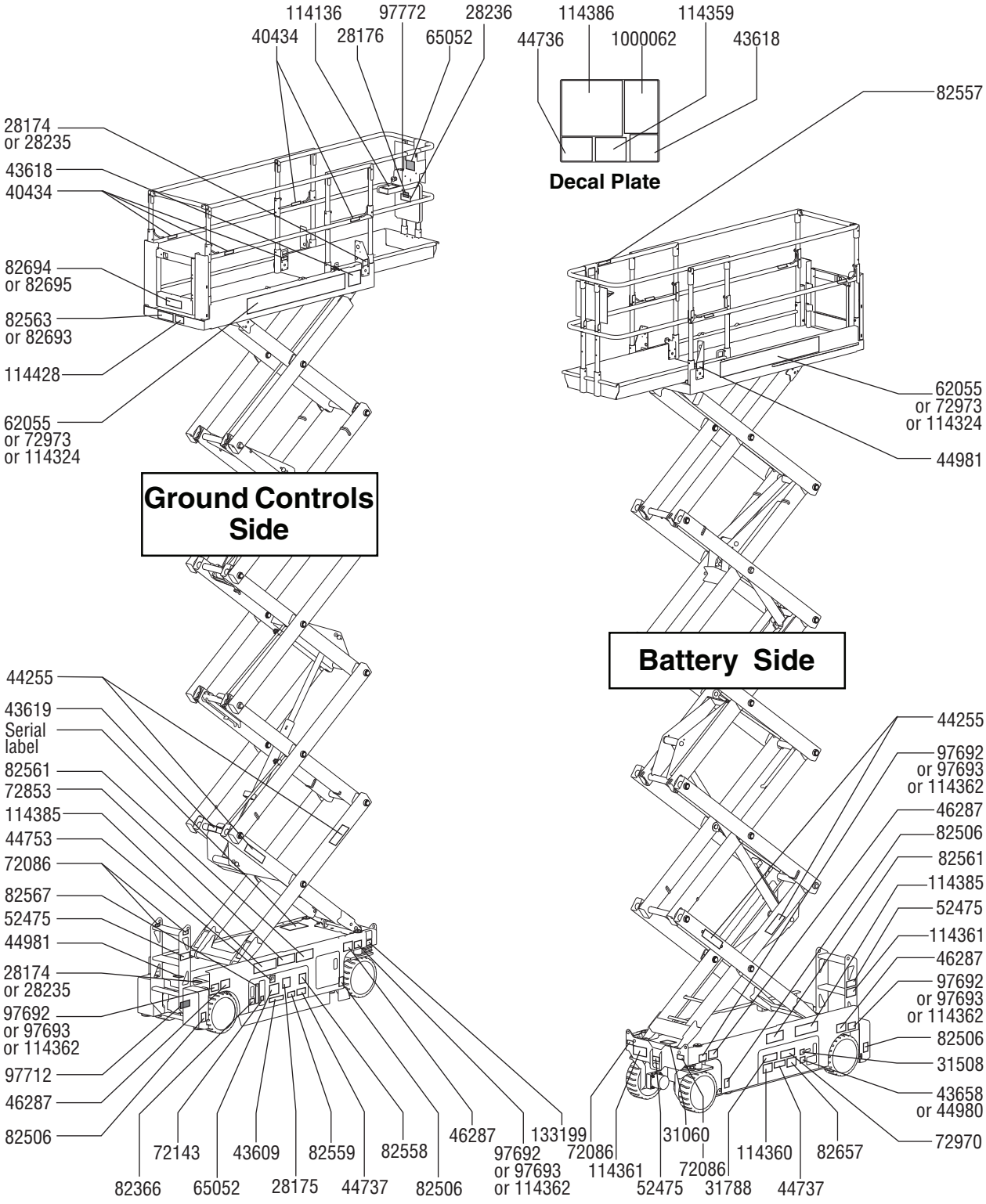
Inspections

Inspection for Decals with Words GS-2032, GS-2632 and GS-3232

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Description	Quantity
28174	Label - Power to Platform, 230V	2
28175	Warning - Compartment Access	1
28176	Label - Missing Manuals	1
28235	Label - Power to Platform, 115V	2
28236	Warning - Improper Operation	1
31060	Danger - Tip-over Hazard, Limit Switch	1
31508	Danger - Power to Battery Charger	1
31788	Danger - Battery Safety	1
40434	Label - Lanyard Anchorage	5
43089	Instructions - Operation, Ground Control	1
43618	Label - Directional Arrows	2
43619	Label - Safety Arm	1
43658	Label - Power to Charger, 230V	1
44255	Danger - Crushing Hazard	4
44736	Danger - Tip-over Hazard, Tilt Alarm	1
44737	Danger - Tip-over Hazard, Trays Open	2
44753	Label - LED Diagnostic Readout	1
44980	Label - Power to Charger, 115V	1
44981	Label - Air to Platform, 110 PSI	2
46287	Notice - Tire Specification	4
52475	Label - Transport Tie-down	5
62055	Cosmetic - Genie GS-2032	2
65052	Label - ECM Fault Codes	2
72086	Label - Lifting Eye	4
72143	Label - Emergency Stop	1
72853	Danger - Improper Use Hazard	1
72970	Instructions - Battery Charger Operation	1
72973	Cosmetic - Genie GS-2632	2
82366	Label - Chevron Rykon	1
82506	Danger - Foot Crushing Hazard	4
82557	Label - Platform Controls Location	1
82558	Warning - Skin Injection Hazard	1
82559	Instructions - Annual Inspection	1
82561	Danger - Crushing Hazard	2
82563	Instructions - Max Cap, 500 lbs / 227 kg, GS-2632 and GS-3232	1
82567	Ground Control Panel	1
82657	Instructions - Battery Connection Diagram	1
82693	Instructions - Max Cap, 800 lbs / 363 kg, GS-2032	1
82694	Instructions - Maximum Side Force, GS-2032	1
82695	Instructions - Maximum Side Force, GS-2632 and GS-3232	1
97692	Label - Wheel Load, GS-2032	4
97693	Label - Wheel Load, GS-2632	4
97712	Danger/Instructions - Brake Release Safety and Operation	1
97772	Platform Control Panel	1
114136	Outrigger Control Panel, GS-3232	1
114324	Cosmetic - Genie GS-3232	2
114359	Danger - Tip over Hazard, Outriggers	1
114360	Danger - Tip-over Hazard, Batteries	1
114361	Label - Transport Diagram	2
114362	Label - Wheel Load, GS-3232	4
114385	Danger - Electrocution Hazard	2
114386	Danger - General Safety Rules	1
114428	Instructions - Maximum Travel Height	1
133199	Label - Emergency Lowering	1
1000062	Instructions - Operation, Plaform Control	1

Inspections



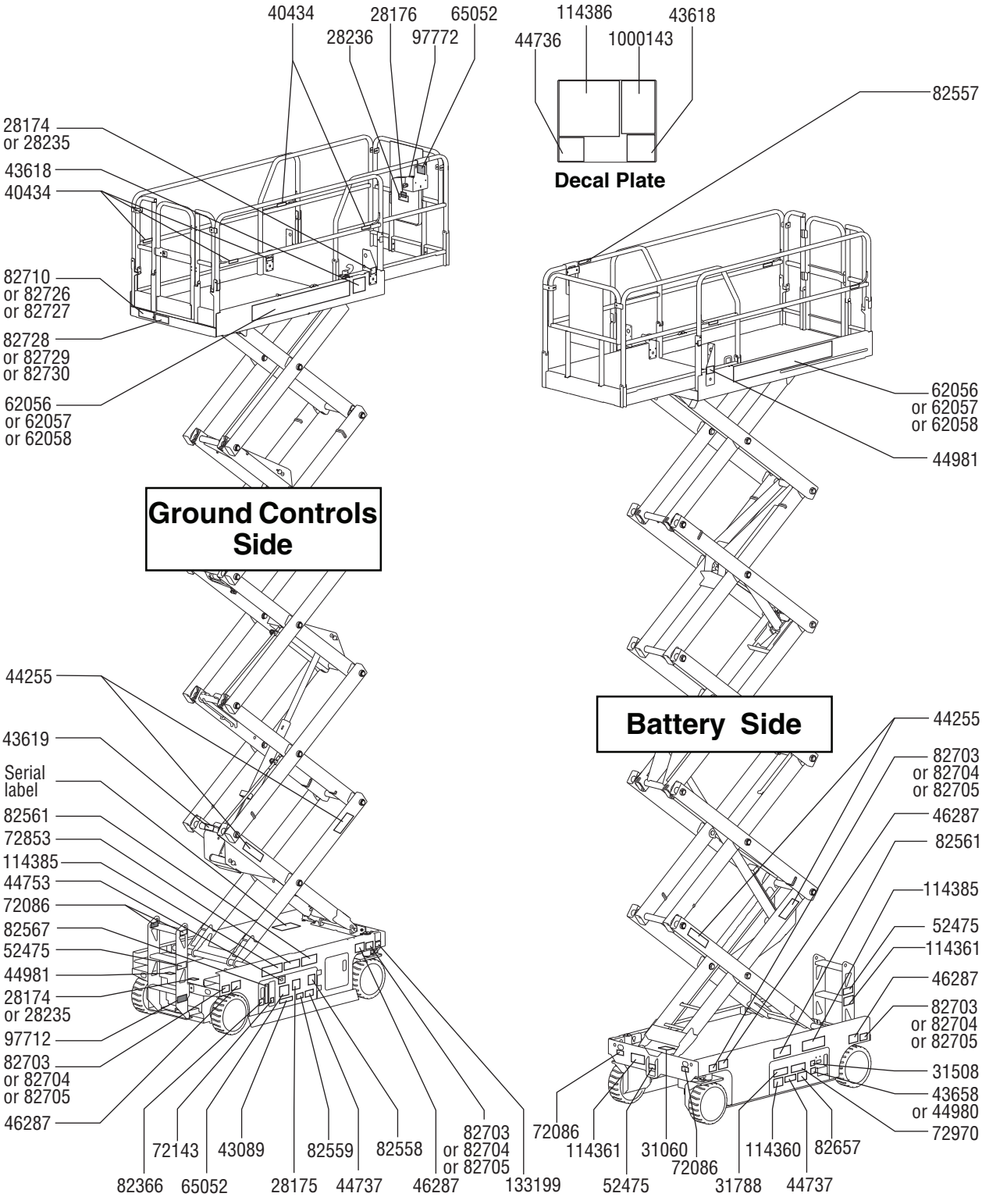
Inspections

Inspection for Decals with Words GS-2046, GS-2646 and GS-3246

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Description	Quantity
28174	Label - Power to Platform, 230V	2
28175	Warning - Compartment Access	1
28176	Label - Missing Manuals	1
28235	Label - Power to Platform, 115V	2
28236	Warning - Improper Operation	1
31060	Danger - Tip-over Hazard, Limit Switch	1
31508	Danger - Electrocution Hazard	1
31788	Danger - Battery Safety	1
40434	Label - Lanyard Anchorage	5
43089	Instructions - Operation, Ground Control	1
43618	Label - Directional Arrows	2
43619	Label - Safety Arm	1
43658	Label - Power to Charger, 230V	1
44255	Danger - Crushing Hazard	4
44736	Danger - Tip-over, Tilt Alarm	1
44737	Danger - Tip-over, Trays Open	2
44753	Label - LED Diagnostic Readout	1
44980	Label - Power to Charger, 115V	1
44981	Label - Air Line to Platform, 110 PSI	2
46287	Notice - Tire Specification	4
52475	Label - Transport Tie-down	5
62056	Cosmetic - Genie GS-2046	2
62057	Cosmetic - Genie GS-2646	2
62058	Cosmetic - Genie GS-3246	2
65052	Label - ECM Fault Codes	2
72086	Label - Lifting Eye	4
72143	Label - Emergency Stop	1
72853	Danger - Improper Use Hazard	1
72970	Instructions - Battery Charger Operation	1
82366	Label - Chevron Rykon	1
82557	Label - Platform Controls Location	1
82558	Warning - Skin Injection Hazard	1
82559	Instructions - Annual Inspection	1
82561	Danger - Crushing Hazard	2
82567	Ground Control Panel	1
82657	Instructions - Battery Connection Diagram	1
82703	Label - Wheel Load, GS-2046	4
82704	Label - Wheel Load, GS-2646	4
82705	Label - Wheel Load, GS-3246	4
82710	Instructions - Max Cap, 1200 lbs / 544 kg, GS-2046	1
82726	Instructions - Max Cap, 1000 lbs / 454 kg, GS-2646	1
82727	Instructions - Max Cap, 700 lbs / 318 kg, GS-3246	1
82728	Instructions - Maximum Side Force, GS-2046	1
82729	Instructions - Maximum Side Force, GS-2646	1
82730	Instructions - Maximum Side Force, GS-3246	1
97712	Danger/Instructions - Brake Release Safety and Operation	1
97772	Platform Control Panel	1
114360	Danger - Tip-over Hazard, Batteries	1
114361	Label - Transport Diagram	2
114385	Danger - Electrocution Hazard	2
114386	Danger - General Safety Rules	1
133199	Label - Emergency Lowering	1
1000143	Instructions - Operation, Platform Control	1

Inspections



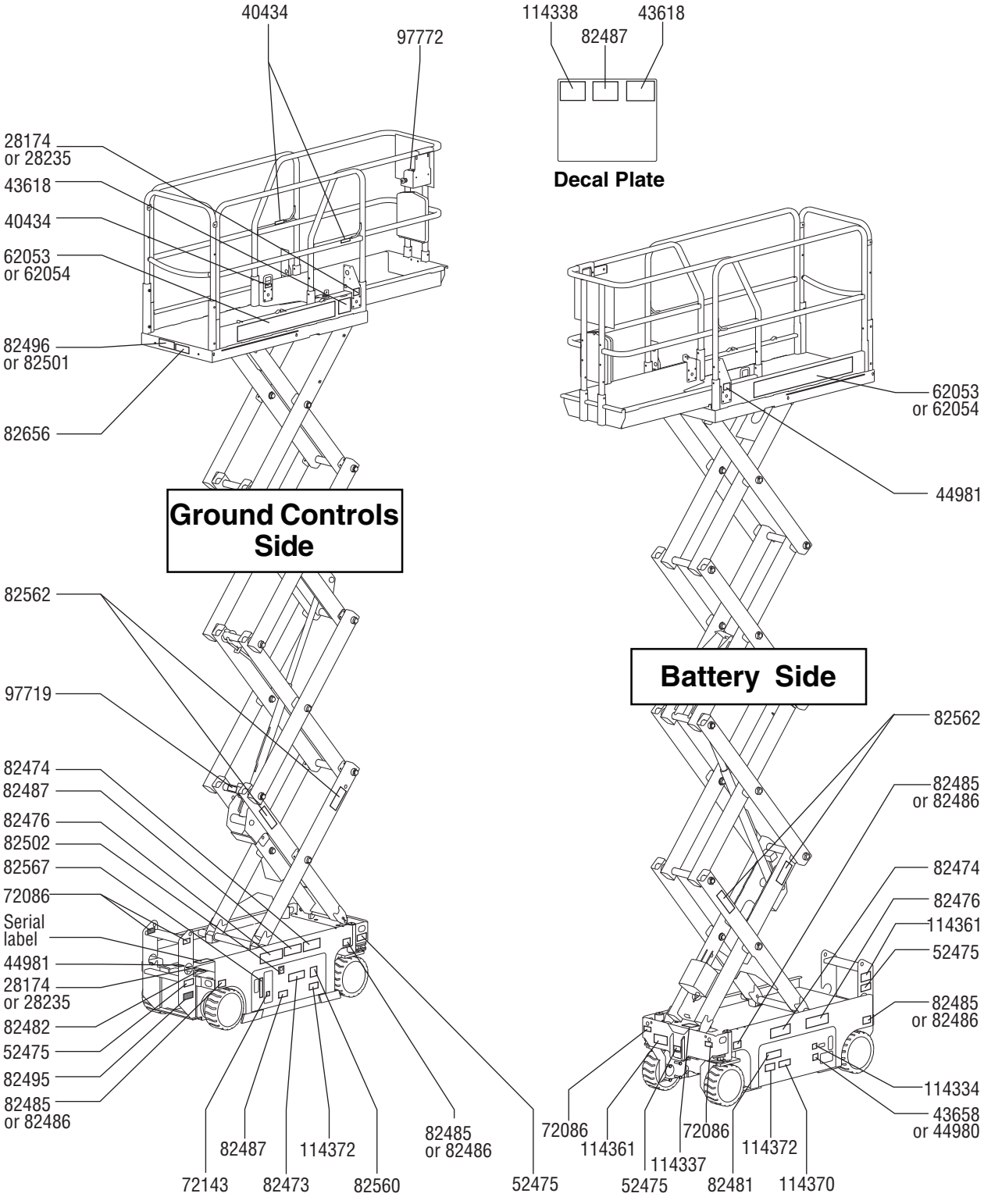
Inspections

Inspection for Decals with Symbols GS-1530 and GS-1930

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Description	Quantity
28174	Label - Power to Platform, 230V	2
28235	Label - Power to Platform, 115V	2
40434	Label - Lanyard Anchorage	5
43618	Label - Directional Arrows	2
43658	Label - Power to Charger, 230V	1
44980	Label - Power to Charger, 115V	1
44981	Label - Air to Platform, 110 PSI	2
52475	Label - Transport Tie-down	5
62053	Cosmetic - Genie GS-1530	2
62054	Cosmetic - Genie GS-1930	2
72086	Label - Lifting Eye	4
72143	Label - Emergency Stop	1
82473	Danger - Compartment Access	1
82474	Danger - Safety Chock	2
82476	Danger - Electrocution Hazard	2
82481	Danger - Battery/Charger Safety	1
82482	Label - Emergency Lowering	1
82485	Label - Wheel Load, GS-1530	4
82486	Label - Wheel Load, GS-1930	4
82487	Label - Read the Manual	2
82495	Danger - Brake Release Safety and Operating Instructions	2
82496	Danger - Maximum Capacity, 227 kg, GS-1930	1
82501	Danger - Maximum Capacity, 272 kg, GS-1530	1
82502	Label - LED Diagnostic Readout	1
82560	Danger - Skin Injection Hazard	1
82562	Danger - Crushing Hazard	4
82567	Ground Control Panel	1
82656	Danger - Side Force, 445 N	1
97719	Label - Safety Arm	1
97772	Platform Control Panel	1
114334	Danger - Electrocution hazard, Plug	1
114337	Danger - Tip-over Hazard, Limit Switch	1
114338	Danger - Tip-over Hazard, Tilt Alarm	1
114361	Label - Transport Diagram	2
114370	Danger - Tip-over Hazard, Batteries	1
114372	Danger - Tip-over Hazard, Open Trays	2

Inspections



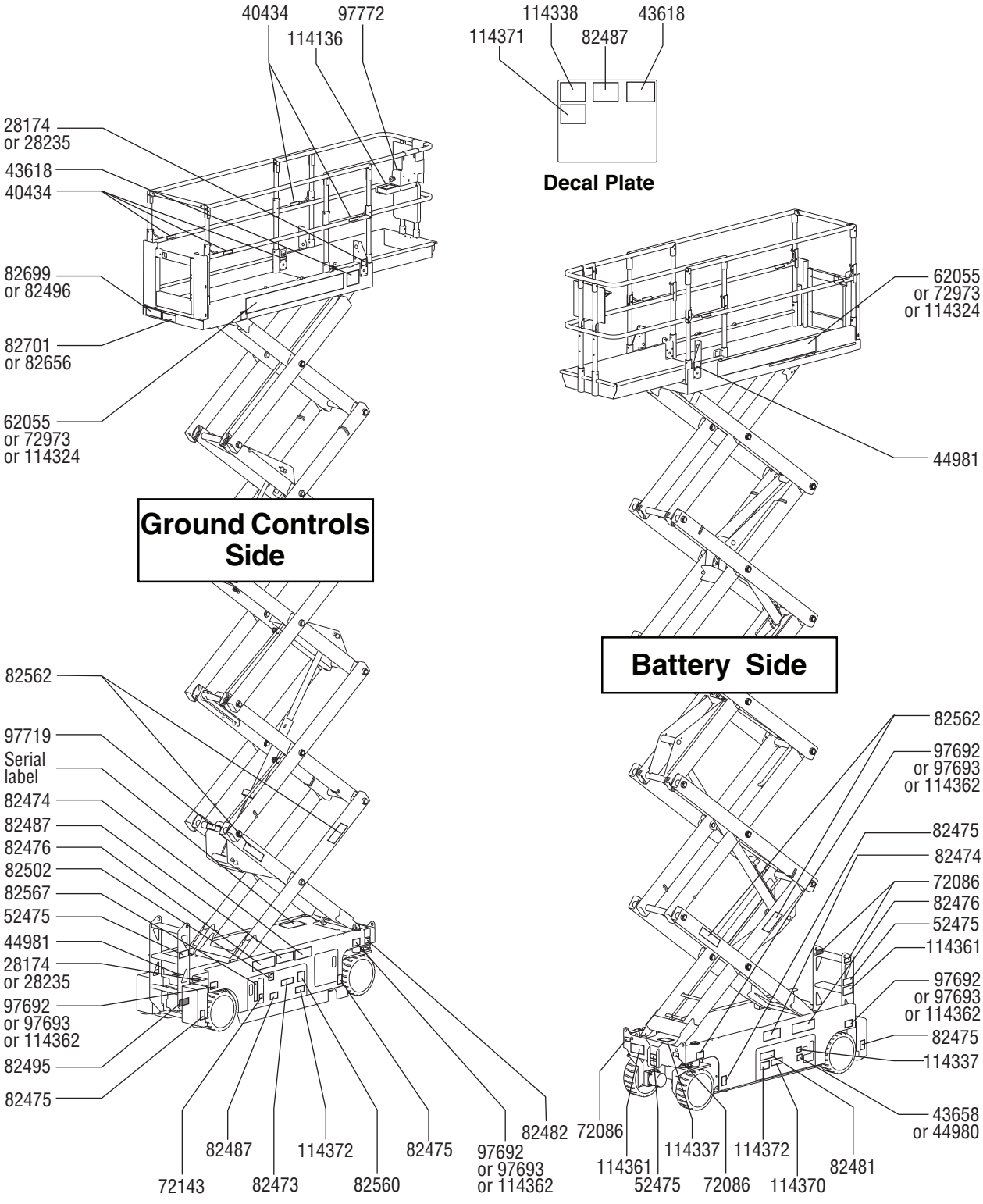
Inspections

Inspection for Decals with Symbols GS-2032, GS-2632 and GS-3232

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Description	Quantity
28174	Label - Power to Platform, 230V	2
28235	Label - Power to Platform, 115V	2
40434	Label - Lanyard Anchorage	5
43618	Label - Directional Arrows	2
43658	Label - Power to Charger, 230V	1
44980	Label - Power to Charger, 115V	1
44981	Label - Air to Platform, 110 PSI	2
52475	Label - Transport Tie-down	5
62055	Cosmetic - Genie GS-2032	2
72086	Label - Lifting Eye	4
72143	Label - Emergency Stop	1
72973	Cosmetic - Genie GS-2632	2
82473	Danger - Compartment Access	1
82474	Danger - Safety Chock	2
82475	Danger - Foot Crushing Hazard	4
82476	Danger - Electrocution Hazard	2
82481	Danger - Battery/Charger Safety	1
82482	Label - Emergency Lowering	1
82487	Label - Read the Manual	2
82495	Danger - Brake Release Safety and Operating Instructions	2
82496	Danger - Maximum Capacity, 227 kg, GS-2632 and GS-3232	1
82502	Label - LED Diagnostic Readout	1
82560	Danger - Skin Injection Hazard	1
82562	Danger - Crushing Hazard	4
82567	Ground Control Panel	1
82656	Danger - Side Force, 445 N, GS-2632 and GS-3232	1
82699	Danger - Maximum Capacity, 363 kg, GS-2032	1
82701	Danger - Side Force, 534 N, GS-2032	1
97692	Label - Wheel Load, GS-2032	4
97693	Label - Wheel Load, GS-2632	4
97719	Label - Safety Arm	1
97772	Platform Control Panel	1
114136	Outrigger Control Panel	1
114334	Danger - Electrocution hazard, Plug	1
114337	Danger - Tip-over Hazard, Limit Switch	1
114338	Danger - Tip-over Hazard, Tilt Alarm	1
114361	Label - Transport Diagram	2
114362	Label - Wheel Load, GS-3232	4
114364	Cosmetic - Genie GS-3232	2
114370	Danger - Tip-over Hazard, Batteries	1
114371	Danger - Outrigger Safety	1
114372	Danger - Tip-over Hazard, Open Trays	2

Inspections



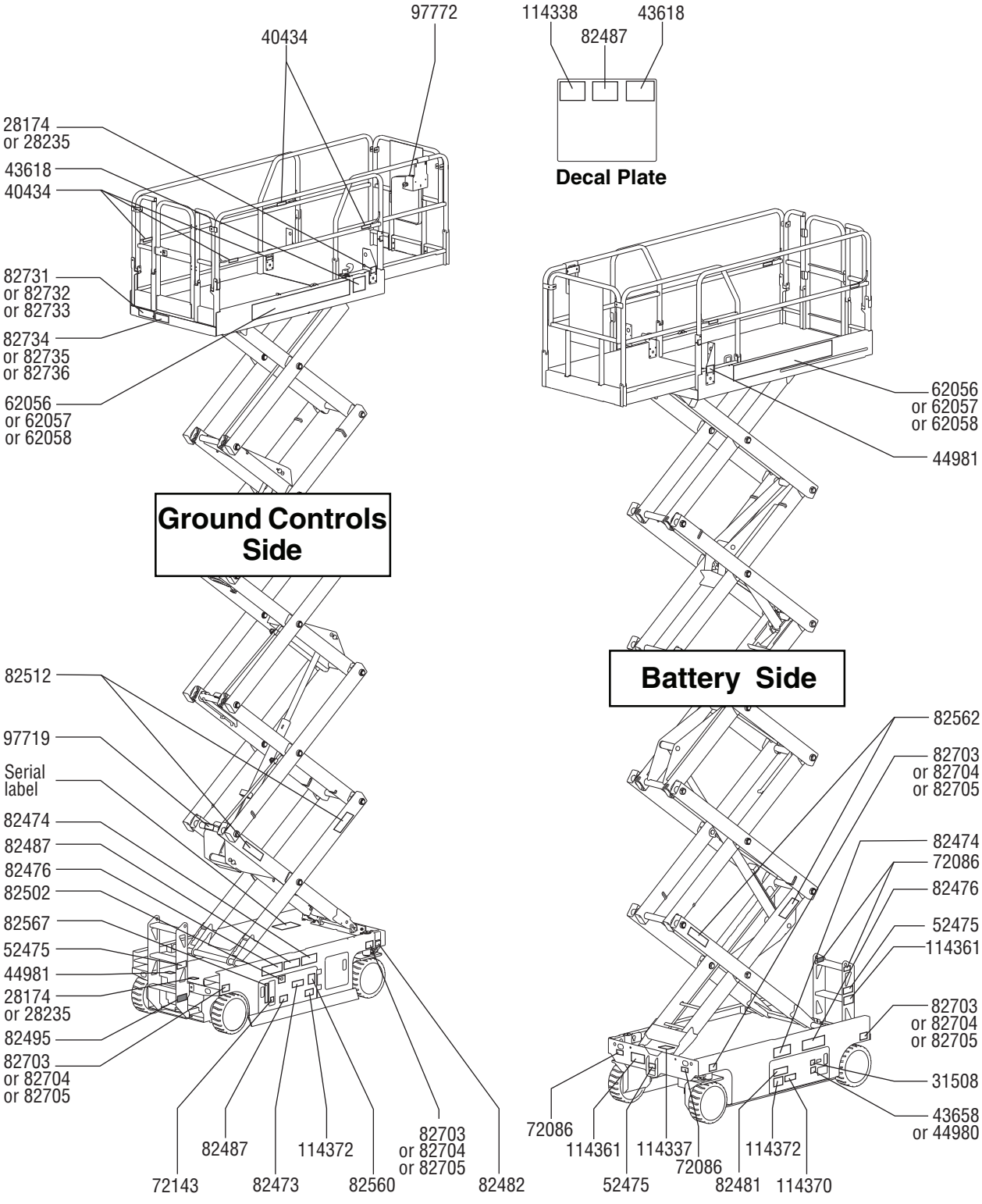
Inspections

Inspection for Decals with Symbols GS-2046, GS-2646 and GS-3246

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

Part No.	Description	Quantity
28174	Label - Power to Platform, 230V	2
28235	Label - Power to Platform, 115V	2
40434	Label - Lanyard Anchorage	5
43618	Label - Directional Arrows	2
43658	Label - Power to Charger, 230V	1
44980	Label - Power to Charger, 115V	1
44981	Label - Air to Platform, 110 PSI	2
52475	Label - Transport Tie-down	5
62056	Cosmetic - Genie GS-2046	2
62057	Cosmetic - Genie GS-2646	2
62058	Cosmetic - Genie GS-3246	2
72086	Label - Lifting Eye	4
72143	Label - Emergency Stop	1
82473	Danger - Compartment Access	1
82474	Danger - Safety Chock	2
82476	Danger - Electrocution Hazard	2
82481	Danger - Battery/Charger Safety	1
82482	Label - Emergency Lowering	1
82487	Label - Read the Manual	2
82495	Danger - Brake Release Safety & Operating Instructions	1
82502	Label - LED Diagnostic Readout	1
82560	Danger - Skin Injection Hazard	1
82562	Danger - Crushing Hazard	4
82567	Ground Control Panel	1
82703	Label - Wheel Load, GS-2046	4
82704	Label - Wheel Load, GS-2646	4
82705	Label - Wheel Load, GS-3246	4
82731	Danger - Maximum Capacity, 544 kg, GS-2046	1
82732	Danger - Maximum Capacity, 454 kg, GS-2646	1
82733	Danger - Maximum Capacity, 318 kg, GS-3246	1
82734	Danger - Side Force, 890 N, GS-2046	1
82735	Danger - Side Force, 667 N, GS-2646	1
82736	Danger - Side Force, 467 N, GS-3246	1
97719	Label - Safety Arm	1
97772	Platform Control Panel	1
114334	Danger - Electrocution hazard, Plug	1
114337	Danger - Tip-over Hazard, Limit Switch	1
114338	Danger - Tip-over Hazard, Tilt Alarm	1
114361	Label - Transport Diagram	2
114370	Danger - Tip-over Hazard, Batteries	1
114372	Danger - Tip-over Hazard, Open Trays	2

Inspections



Operating Instructions

Do Not Operate Unless:

☑ You learn and practice the principles of safe machine operation contained in this operator's manual.

1 Avoid hazardous situations.

2 Always perform a pre-operation inspection.

3 Always perform function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

Fundamentals

The Operating Instructions section provides instructions for each aspect of machine operation. It is the operator's responsibility to follow all the safety rules and instructions in the operator's, safety and responsibilities manuals.

Using the machine for anything other than lifting personnel, along with their tools and materials, to an aerial work site is unsafe and dangerous.

Only trained and authorized personnel should be permitted to operate a machine. If more than one operator is expected to use a machine at different times in the same work shift, they must all be qualified operators and are all expected to follow all safety rules and instructions in the operator's, safety and responsibilities manuals. That means every new operator should perform a pre-operation inspection, function tests, and a workplace inspection before using the machine.

Operating Instructions

Emergency Stop

Push in the red Emergency Stop button to the off position at the ground controls or the platform controls to stop all functions.

Repair any function that operates when either Emergency Stop button is pushed in.

Emergency Lowering

1 Pull the emergency lowering knob.

Operation From Ground

1 Turn the key switch to ground control.

2 Pull out the platform and ground red Emergency Stop buttons to the on position.

3 Be sure the battery pack is connected before operating the machine.

To Position Platform

1 Move the up/down toggle switch according to the markings on the control panel.

Drive and steer functions are not available from the ground controls.

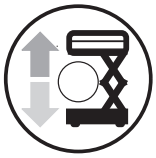
Operation From Platform

1 Turn the key switch to platform control.

2 Pull out the ground and platform red Emergency Stop buttons to the on position.

3 Be sure the battery pack is connected before operating the machine.

To Position Platform



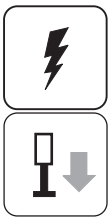
1 Press the lift function select button.

2 Press and hold the function enable switch on the control handle.

3 Move the control handle according to the markings on the control panel.

To Position Outriggers (GS-3232 models)

To extend the outriggers:



1 Press and hold the function enable button.

2 Press and hold the outrigger extend button.

The outriggers will begin to extend. The individual outrigger indicator light will turn solid green as the corresponding outrigger makes contact with the ground. Continue pressing the function enable and the outrigger extend buttons until the lift enable indicator light turns green and a beep is heard. The machine is now level.

When the lift error indicator light turns red, the up/down and drive functions are disabled. The lift error indicator light will turn red under the following conditions.

- The platform is raised to 22 ft / 6.7 m and the outriggers are not deployed.
- Not all outriggers are in contact with the ground.
- All four outriggers are in contact with the ground but the machine is not level.
- Error code.

Operating Instructions

To retract the outriggers:

1 Press and hold the function enable button.

2 Press and hold the outrigger retract button.

Release the function enable and the outrigger retract buttons once the outriggers are off the ground. After approximately 5 seconds, the outrigger indicator lights will turn off. All functions are now restored.

Note: The machine drive speeds are reduced the first time the drive function is enabled after retracting the outriggers. The drive speeds are restored to normal after driving for approximately 6 seconds.

To Steer

1 Press the drive function select button.

2 Press and hold the function enable switch on the control handle.

3 Turn the steer wheels with the thumb rocker switch located on the top of the control handle.

To Drive

1 Press the drive function select button.

2 Press and hold the function enable switch on the control handle.

3 Increase speed: Slowly move the control handle off center.

Decrease speed: Slowly move the control handle toward center.

Stop: Return the control handle to center or release the function enable switch.

Use the color-coded direction arrows on the platform controls and on the platform to identify the direction the machine will travel.

Machine travel speed is restricted when the platform is raised.

Battery condition will affect machine performance. Machine drive speed and function speed will drop when the battery level indicator is flashing.

To reduce drive speed

The drive controls can operate in two different drive speed modes. When the drive speed button light is on, slow drive speed mode is active. When the button light is off, fast drive speed mode is active.

Press the drive speed button to select the desired drive speed.

⚠ Driving on a slope

Determine the slope and side slope ratings for the machine and determine the slope grade.

GS-1530, GS-1930, GS-2032, GS-2046 and GS-2646	
Maximum slope rating, stowed	30% (17°)
Maximum side slope rating, stowed	30% (17°)

GS-2632, GS-3232 and GS-3246	
Maximum slope rating, stowed	25% (14°)
Maximum side slope rating, stowed	25% (14°)

Note: Slope rating is subject to ground conditions and adequate traction.

Press the drive speed button to the fast drive speed mode.

Operating Instructions

To determine the slope grade:

Measure the slope with a digital inclinometer OR use the following procedure.

You will need:

carpenter's level

straight piece of wood, at least 3 feet / 1 m long

tape measure

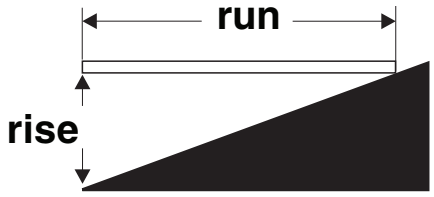
Lay the piece of wood on the slope.

At the downhill end, lay the level on the top edge of the piece of wood and lift the end until the piece of wood is level.

While holding the piece of wood level, measure the distance from the bottom of the piece of wood to the ground.

Divide the tape measure distance (rise) by the length of the piece of wood (run) and multiply by 100.

Example:



Run = 12 ft (144 in) / 3.6 m

Rise = 12 in / 0.3 m

12 in ÷ 144 in = 0.083 x 100 = 8.3%
0.3 m ÷ 3.6 m = 0.083 x 100 = 8.3%

If the slope exceeds the maximum slope or side slope rating, the machine must be winched or transported up or down the slope. See Transport and Lifting section.

Error indicator readout

If the LED diagnostic readout displays an error code, such as LL, push in and pull out the red Emergency Stop button to reset the system.

ECM Fault Codes

Code	Condition
--	Condition Normal
01	Internal ECM Error
02	ECM/Platform Communication Error
03	Undefined Platform Dip Switch Setting
12	Chassis Up/Down Toggle Closed At Startup
18	Pothole Guard Failure
42	Platform Left Turn Switch Fault
43	Platform Right Turn Switch Fault
46	Platform Drive Enable Switch Fault
47	Platform Joystick Fault
52	Forward Coil Fault
53	Reverse Coil Fault
54	Up Coil Fault
55	Down Coil Fault
56	Right Coil Fault
57	Left Coil Fault
58	Brake Coil Fault
59	Parallel/Series Coil Fault
68	Low Battery Voltage
LL	Off-Level
OL	Overload Cutout Option

For more information, please consult the appropriate Genie Service Manual.

Operating Instructions

Operation From Ground with Controller

Maintain safe distances between the operator, machine and fixed objects.

Be aware of the direction the machine will travel when using the controller.

Battery Level Indicator

Full Low

Use the LED diagnostic readout to determine the battery level.

How to use the Safety Arm

1 Raise the platform approximately 8 ft / 2.4 m from the ground.

2 Rotate the safety arm away from the machine and let it hang down.

3 Lower the platform until the safety arm rests securely on the link. Keep clear of the safety arm when lowering the platform.

How to Fold Down the Guardrails

GS-1530, GS-1930, GS-2032, GS-2632 and GS-3232

The platform railing system consists of one fold down rail section for the extension deck and one section for the main deck. All sections are held in place by four wire lock pins.

1 Fully lower the platform and retract the platform extension.

2 Remove the platform controls.

3 From inside the platform, remove the two rear extension deck wire lock pins.

4 From the rear of the extension deck railing, fold down the front rail assemble. Keep hands free of pinch points.

5 Replace the two removed pins back into each side rail bracket.

6 At the rear of the main deck, remove the two lower wire lock pins.

7 Carefully open the gate and move to the rear step or the ground.

8 From the rear step or from the ground, fold down the main deck railing assembly. Keep hands free of pinch points.

9 Replace the two removed pins back into each side rail bracket.

Note: To assist in the removal and replacement of the wire lock pins, pull or push back on the railing to compress the rubber bumpers.

Operating Instructions

GS-2046, GS-2646 and GS-3246

The platform railing system consists of three fold down rail sections for the extenion deck and three sections for the main deck. All six sections are held in place by four wire lock pins.

1 Fully lower the platform and retract the platform extension.

2 Remove the platform controls.

3 From inside the platform, remove the two front wire lock pins.

4 Fold down the front rail assembly. Keep hands clear of pinch points.

5 Replace the two removed pins back into each side rail bracket.

6 Fold down each side rail assembly. Keep hands clear of pinch points.

7 At the rear of the main deck, remove the two wire lock pins.

8 Carefully open the gate and move to the ground.

9 Fold down the rear gate and entry side rails as one unit. Keep hands clear of pinch points.

10 Fold down the left and right side rails. Keep hands clear of pinch points.

11 Replace the two removed pins back into each side rail bracket.

How to Raise the Guardrails

Follow the fold down instructions but in reverse order.

Operating Instructions

Battery and Charger Instructions

Observe and Obey:

☑ Do not use an external charger or booster battery.

☑ Charge the battery in a well-ventilated area.

☑ Use proper AC input voltage for charging as indicated on the charger.

☑ Use only a Genie authorized battery and charger.

To Charge Battery

1 Be sure the batteries are connected before charging the batteries.

2 Open the battery compartment. The compartment should remain open for the entire charging cycle.

Maintenance - free batteries

3 Connect the battery charger to a grounded AC circuit.

4 The charger will indicate when the battery is fully charged.

Standard Batteries

3 Remove the battery vent caps and check the battery acid level. If necessary, add only enough distilled water to cover the plates. Do not overfill prior to the charge cycle.

4 Replace the battery vent caps.

5 Connect the battery charger to a grounded AC circuit.

6 The charger will indicate when the battery is fully charged.

7 Check the battery acid level when the charging cycle is complete. Replenish with distilled water to the bottom of the fill tube. Do not overfill.

Dry Battery Filling and Charging Instructions

1 Remove the battery vent caps and permanently remove the plastic seal from the battery vent openings.

2 Fill each cell with battery acid (electrolyte) until the level is sufficient to cover the plates.

Do not fill to maximum level until the battery charge cycle is complete. Overfilling can cause the battery acid to overflow during charging. Neutralize battery acid spills with baking soda and water.

3 Install the battery vent caps.

4 Charge the battery.

5 Check the battery acid level when the charging cycle is complete. Replenish with distilled water to the bottom of the fill tube. Do not overfill.

Transport and Lifting Instructions

Observe and Obey:

- ☑ Genie Industries provides this securement information as a recommendation. Drivers are solely responsible for making sure machines are properly secured and the correct trailer is selected pursuant to US Department of Transportation regulations, other localized regulations, and their company policy.
- ☑ Genie customers needing to containerize any lift or Genie product should source a qualified freight forwarder with expertise in preparing, loading and securing construction and lifting equipment for international shipment.
- ☑ Only qualified aerial lift operators should move the machine on or off the truck.
- ☑ The transport vehicle must be parked on a level surface.
- ☑ The transport vehicle must be secured to prevent rolling while the machine is being loaded.
- ☑ Be sure the vehicle capacity, loading surfaces and chains or straps are sufficient to withstand the machine weight. Genie lifts are very heavy relative to their size. See the serial label for the machine weight.
- ☑ The machine must be on a level surface or secured before releasing the brakes.
- ☑ Do not allow the rails to fall when the snap pins are removed. Maintain a firm grasp on the rails when the rails are lowered.
- ☑ Do not drive the machine on a slope that exceeds the uphill, downhill or side slope rating. See Driving on a Slope in the Operating Instructions section.
- ☑ If the slope of the transport vehicle exceeds the maximum slope rating, the machine must be loaded and unloaded using a winch as described in the brake release operation.

Brake Release Operation

1 Chock the wheels to prevent the machine from rolling.

2 Be sure the winch line is properly secured to the drive chassis tie points and the path is clear of all obstructions.

3 Push in the black brake release knob to open the brake valve.

4 Pump the red brake release pump knob.

After the machine is loaded:

1 Chock the wheels to prevent the machine from rolling.

2 Pull out the red Emergency Stop button on both the ground and platform controls to the on position.

3 Press the drive function select button. Press and hold the function enable switch on the control handle. Move the control handle off center and immediately release it to reset the brakes.

4 Push the red Emergency stop button on both the ground and platform controls to the off position.

Towing the Genie GS-1530, GS-1930, GS-2032, GS-2632, GS-3232, GS-2046, GS-2646 and GS-3246 is not recommended. If the machine must be towed, do not exceed 2 mph / 3.2 km/h.

Transport and Lifting Instructions

⚠ Securing to Truck or Trailer for Transit

Always use the extension deck lock when the machine is transported.

Turn the key switch to the off position and remove the key before transporting.

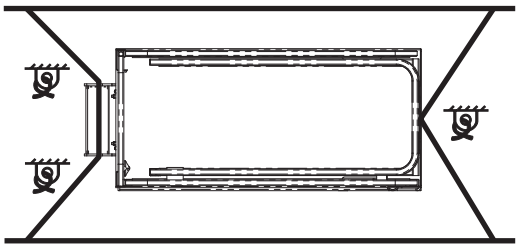
Inspect the entire machine for loose or unsecured items.

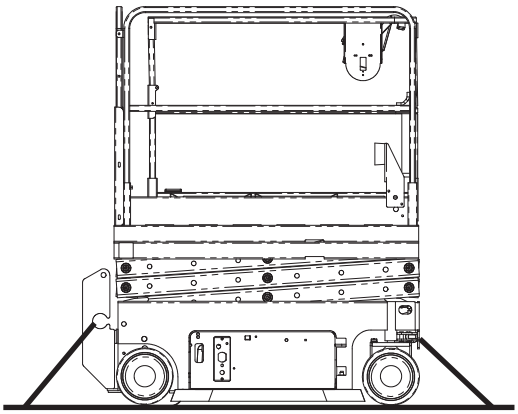
Use chains or straps of ample load capacity.

Use a minimum of 2 chains or straps.

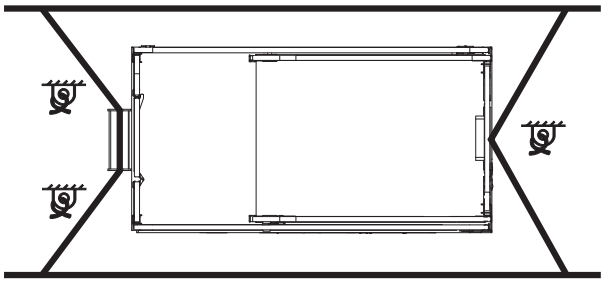
Adjust the rigging to prevent damage to the chains.

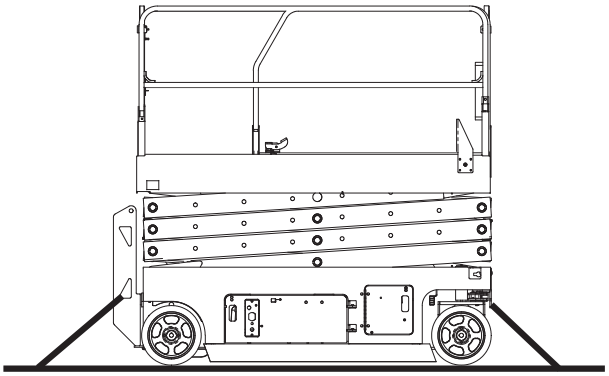
GS-1530
GS-1930





GS-2032 GS-2046
GS-2632 GS-2646
GS-3232 GS-3246





Transport and Lifting Instructions

Observe and Obey:

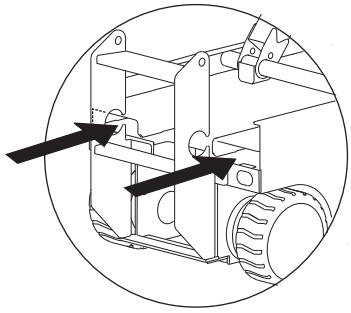
- ☑ Only qualified riggers should rig and lift the machine.
- ☑ Only qualified forklift operators should lift the machine with a forklift.
- ☑ Be sure the crane capacity, loading surfaces and straps or lines are sufficient to withstand the machine weight. See the serial label for the machine weight.

Lifting the Machine with a Forklift

Be sure the extension deck, controls and component trays are secure. Remove all loose items on the machine.

Fully lower the platform. The platform must remain lowered during all loading and transport procedures.

Use the forklift pockets located on both sides of the ladder.



Position the forklift forks in position with the forklift pockets.

Drive forward to the full extent of the forks.

Raise the machine 6 in / 15 cm and then tilt the forks back slightly to keep the machine secure.

Be sure the machine is level when lowering the forks.

NOTICE Lifting the machine from the side can result in component damage.

Transport and Lifting Instructions

Lifting Instructions

Fully lower the platform. Be sure the extension deck, controls and component trays are secure. Remove all loose items on the machine.

Determine the center of gravity of your machine using the table and the pictures on this page.

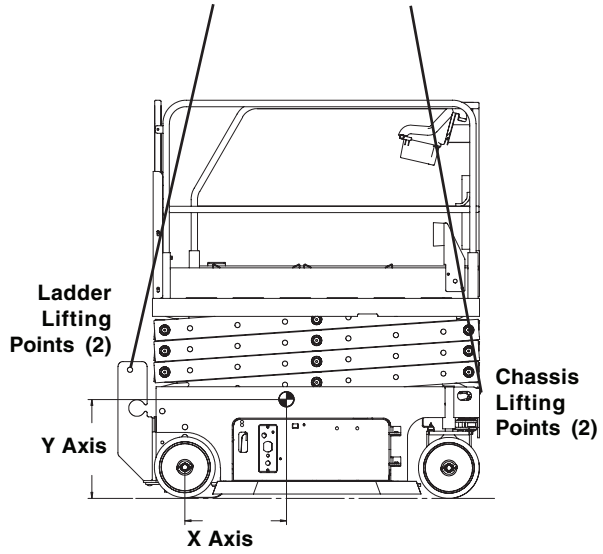
Attach the rigging only to the designated lifting points on the machine. There are two 1 inch / 2.5 cm holes on the front of the machine and two holes in the ladder for lifting.

Adjust the rigging to prevent damage to the machine and to keep the machine level.

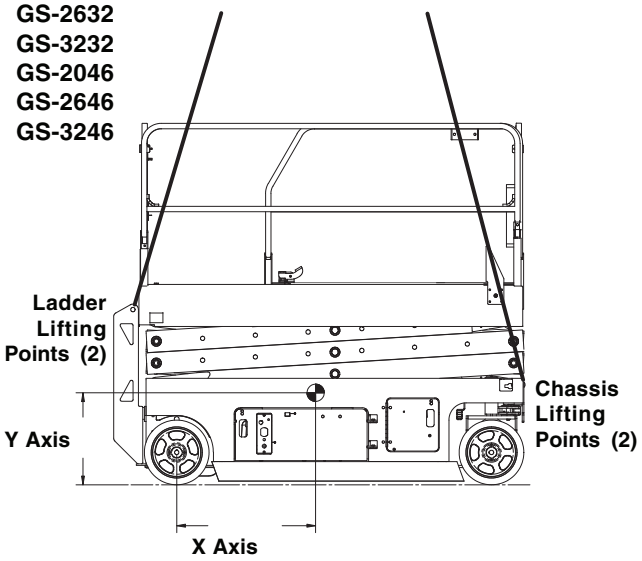
Center of Gravity Table

Model	X Axis	Y Axis
GS-1530	25.7 in 65.3 cm	21.1 in 59.6 cm
GS-1930	25.5 in 64.8 cm	22.1 in 56.1 cm
GS-2032	35.6 in 90.5 cm	22.2 in 56.5 cm
GS-2632	31.7 in 80.6 cm	22.7 in 57.6 cm
GS-3232	31 in 78.7 cm	26.5 in 67.3 cm
GS-2046	35.2 in 89.4 cm	23.6 in 59.9 cm
GS-2646	35.0 in 88.9 cm	25.4 in 64.4 cm
GS-3246	32.7 in 83.0 cm	26.8 in 68.2 cm

GS-1530
GS-1930



GS-2032
GS-2632
GS-3232
GS-2046
GS-2646
GS-3246



Maintenance

Observe and Obey:

- ☑ Only routine maintenance items specified in this manual shall be performed by the operator.
- ☑ Scheduled maintenance inspections shall be completed by qualified service technicians, according to the manufacturer's specifications and the requirements specified in the responsibilities manual.
- ☑ Use only Genie approved replacement parts.

Maintenance Symbols Legend

The following symbols have been used in this manual to help communicate the intent of the instructions. When one or more of the symbols appear at the beginning of a maintenance procedure, it conveys the meaning below.

Indicates that tools will be required to perform this procedure.

Indicates that new parts will be required to perform this procedure.

Check the Hydraulic Oil Level

Maintaining the hydraulic oil at the proper levels is essential to machine operation. Improper hydraulic oil levels can damage hydraulic components. Daily checks allow the inspector to identify changes in oil level that might indicate the presence of hydraulic system problems.

Note: Perform this procedure with the platform in the stowed position.

1 Visually inspect the oil level in the hydraulic tank.

⊙ Result: The hydraulic oil level should be as marked on the tank.

2 Add oil if necessary. Do not overfill.

Hydraulic oil specifications	
Hydraulic oil type	Chevron Rykon Premium MV equivalent

Maintenance

Check the Batteries

Proper battery condition is essential to good machine performance and operational safety. Improper fluid levels or damaged cables and connections can result in component damage and hazardous conditions.

Note: This procedure does not need to be performed on machines with sealed or maintenance - free batteries.

⚠ Electrocution hazard. Contact with hot or live circuits may result in death or serious injury. Remove all rings, watches and other jewelry.

⚠ Bodily injury hazard. Batteries contain acid. Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

Note: Perform this test after fully charging the batteries.

1 Put on protective clothing and eye wear.

2 Be sure that the battery cable connections are tight and free of corrosion.

3 Be sure that the battery hold-down bars are in place and secure.

4 Remove the battery vent caps.

5 Check the battery acid level of each battery. If needed, replenish with distilled water to the bottom of the battery fill tube. Do not overfill.

6 Install the vent caps.

Note: Adding terminal protectors and a corrosion preventative sealant will help eliminate the corrosion on the battery terminals and cables.

Scheduled Maintenance

Maintenance performed quarterly, annually and every two years must be completed by a person trained and qualified to perform maintenance on this machine according to the procedures found in the service manual for this machine.

Machines that have been out of service for more than three months must receive the quarterly inspection before they are put back into service.

Specifications

Model		GS-1530
Height, working maximum	21 ft	6.4 m
Height, platform maximum	15 ft	4.6 m
Height, stowed maximum fixed rail	77 in	1.96 m
Height, stowed maximum rails up	82 in	2.07 m
Height, stowed maximum rails folded	68 in	1.72 cm
Platform height, stowed maximum	38.2 in	97 cm
Height, guard rails	39 in	99 cm
Width	30 in	76 cm
Length, stowed	72 in	1.83 m
Length, platform extended	107 in	2.72 m
Platform extension length	35 in	88.9 cm
Platform dimensions, (length x width)	64 x 29 in	1.6 m x 75 cm
Maximum load capacity	600 lbs	272 kg
Maximum wind speed	28 mph	12.5 m/s
Wheelbase	52 in	1.32 m
Turning radius (outside)	61 in	1.55 m
Turning radius (inside)	0 in	0 cm
Ground clearance	2.4 in	6.1 cm
Ground clearance Pothole guards deployed	0.8 in	1.9 cm
Weight (Machine weights vary with option configurations. See serial label for specific machine weight.)	2594 lbs	1177 kg

Power source		4 Batteries, 6V 225AH
System voltage		24V
Controls		Proportional
AC outlet in platform		standard
Maximum hydraulic pressure (functions)	3500 psi	241 bar
Tire size		12 x 4.5 x 8 in
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		<70 dB
Vibration value does not exceed 2.5 m/s^2		
Maximum slope rating, stowed position		30% (17°)
Maximum side slope rating, stowed position		30% (17°)
Note: Slope rating is subject to ground conditions and adequate traction.		
Drive speeds		
Stowed, maximum	2.5 mph	4.0 km/h
Platform raised, maximum	0.5 mph 40 ft/55 sec	0.8 km/h 12.5 m/55 sec
Floor loading information		
Tire load, maximum	1175 lbs	533 kg
Tire contact pressure	131 psi	9.19 kg/cm^2 900 kPa
Occupied floor pressure	238 psf	1162 kg/m^2 11.40 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Specifications

Model		GS-1930
Height, working maximum	25 ft	7.6 m
Height, platform maximum	19 ft	5.8 m
Height, stowed maximum fixed rail	79 in	2.0 m
Height, stowed maximum rails up	83 in	2.10 m
Height, stowed maximum rails folded	69 in	1.75 cm
Platform height, stowed maximum	39.5 in	1.0 m
Height, guard rails	39 in	99 cm
Width	30 in	76 cm
Length, stowed	72 in	1.83 m
Length, platform extended	107 in	2.72 m
Platform extension length	35 in	88.9 cm
Platform dimensions, (length x width)	64 x 29 in	1.6 m x 75 cm
Maximum load capacity	500 lbs	227 kg
Maximum wind speed	28 mph	12.5 m/s
Wheelbase	52 in	1.32 m
Turning radius (outside)	61 in	1.55 m
Turning radius (inside)	0 in	0 cm
Ground clearance	2.4 in	6.1 cm
Ground clearance Pothole guards deployed	0.8 in	1.9 cm
Weight (Machine weights vary with option configurations. See serial label for specific machine weight.)	2718 lbs	1233 kg

Power source		4 Batteries, 6V 225AH
System voltage		24V
Controls		Proportional
AC outlet in platform		standard
Maximum hydraulic pressure (functions)	3500 psi	241 bar
Tire size		12 x 4.5 x 8 in
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		<70 dB
Vibration value does not exceed 2.5 m/s^2		
Maximum slope rating, stowed position		30% (17°)
Maximum side slope rating, stowed position		30% (17°)

Note: Slope rating is subject to ground conditions and adequate traction.

Drive speeds		
Stowed, maximum	2.5 mph	4.0 km/h
Platform raised maximum	0.5 mph 40 ft/55 sec	0.8 km/h 12.5 m/55 sec
Floor loading information		
Tire load, maximum	1302 lbs	591 kg
Tire contact pressure	145 psi	10.18 kg/cm^2 998 kPa
Occupied floor pressure	240 psf	1172 kg/m^2 11.50 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Specifications

Model		GS-2032
Height, working maximum	26 ft	7.9 m
Height, platform maximum	20 ft	6.1 m
Height, stowed maximum fixed rail	80 in	2.02 m
Height, stowed maximum rails up	84 in	2.13 m
Height, stowed maximum rails folded	70 in	1.78 m
Platform height, stowed maximum	40.5 in	1.03 m
Height, guard rails	39 in	99 cm
Width	32 in	81 cm
Length, stowed	96 in	2.44 m
Length, platform extended	131 in	3.33 m
Platform extension length	35 in	88.9 cm
Platform dimensions, (length x width)	89 x 32 in	2.26 m x 81 cm
Maximum load capacity	800 lbs	363 kg
Maximum wind speed	28 mph	12.5 m/s
Wheelbase	73 in	1.85 m
Turning radius (outside)	84 in	2.12 m
Turning radius (inside)	0 in	0 cm
Ground clearance	3.5 in	8.9 cm
Ground clearance Pothole guards deployed	0.88 in	2.2 cm
Weight (Machine weights vary with option configurations. See serial label for specific machine weight.)	3554 lbs	1612 kg

Power source		4 Batteries, 6V 225AH
Controls		Proportional
AC outlet in platform		standard
Maximum hydraulic pressure (functions)	3500 psi	241.3 bar
System voltage		24V
Tire size		15 x 5 x $11\frac{1}{4}$
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		<70 dB
Vibration value does not exceed 2.5 m/s^2		
Maximum slope rating, stowed position		30% (17°)
Maximum side slope rating, stowed position		30% (17°)
Note: Slope rating is subject to ground conditions and adequate traction.		
Drive speeds		
Stowed, maximum	2.2 mph	3.5 km/h
Platform raised, maximum	0.5 mph 40 ft/54 sec	0.8 km/h 12.2 m/54 sec
Floor loading information		
Tire load, maximum	1699 lbs	771 kg
Tire contact pressure	170 psi	11.95 kg/cm^2 1171 kPa
Occupied floor pressure	221 psf	1079 kg/m^2 10.59 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Specifications

Model		GS-2632
Height, working maximum	32 ft	9.8 m
Height, platform maximum	26 ft	7.9 m
Height, stowed maximum	89 in	2.26 m
Height, stowed maximum rails folded	75 in	1.91 m
Platform height, stowed maximum	45.5 in	1.16 m
Height, guard rails	39 in	99 cm
Width	32 in	81 cm
Length, stowed	96 in	2.44 m
Length, platform extended	131 in	3.33 m
Platform extension length	35 in	88.9 cm
Platform dimensions, (length x width)	89 x 32 in	2.26 m x 81 cm
Maximum load capacity	500 lbs	227 kg
Maximum wind speed	28 mph	12.5 m/s
Wheelbase	73 in	1.85 m
Turning radius (outside)	84 in	2.13 m
Turning radius (inside)	0 in	0 cm
Ground clearance	3.5 in	8.9 cm
Ground clearance Pothole guards deployed	0.88 in	2.2 cm
Weight (Machine weights vary with option configurations. See serial label for specific machine weight.)	4407 lbs	1999 kg

Power source		4 Batteries, 6V 225AH
Controls		Proportional
AC outlet in platform		standard
Maximum hydraulic pressure (functions)	3500 psi	241.3 bar
System voltage		24V
Tire size		15 x 5 x $11^{1}/_{4}$
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		<70 dB
Vibration value does not exceed 2.5 m/s^2		
Maximum slope rating, stowed position		25% (14°)
Maximum side slope rating, stowed position		25% (14°)
Note: Slope rating is subject to ground conditions and adequate traction.		
Drive speeds		
Stowed, maximum	2.2 mph	3.5 km/h
Platform raised, maximum	0.5 mph 40 ft/54 sec	0.8 km/h 12.2 m/54 sec
Floor loading information		
Tire load, maximum	1773 lbs	804 kg
Tire contact pressure	177 psi	12.48 kg/cm^2 1223 kPA
Occupied floor pressure	248 psf	1212 kg/m^2 11.89 kPA

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Specifications

Model		GS-3232
Height, working maximum	38 ft	11.6 m
Height, working, drivable	28 ft	8.5 m
Height, platform maximum	32 ft	9.8 m
Height, platform, drivable	22 ft	6.7 m
Height, stowed maximum	94 in	2.38 m
Height, stowed maximum rails folded	80 in	2.04 m
Platform height, stowed maximum	50.5 in	1.28 m
Height, guard rails	43 in	1.09 m
Width	32 in	81 cm
Length, stowed	96 in	2.44 m
Length, platform extended	131 in	3.33 m
Platform extension length	35 in	88.9 cm
Platform dimensions, (length x width)	89 x 32 in	2.26 m x 81 cm
Maximum load capacity	500 lbs	227 kg
Maximum wind speed	28 mph	12.5 m/s
Wheelbase	73 in	1.85 m
Turning radius (outside)	84 in	2.13 m
Turning radius (inside)	0 in	0 cm
Ground clearance	3.5 in	8.9 cm
Ground clearance Pothole guards deployed	0.88 in	2.2 cm
Weight (Machine weights vary with option configurations. See serial label for specific machine weight.)	5185 lbs	2352 kg

Power source		4 Batteries, 6V 225AH
Controls		Proportional
AC outlet in platform		standard
Maximum hydraulic pressure (functions)	3500 psi	241.3 bar
System voltage		24V
Tire size		15 x 5 x 11 1/4
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		<70 dB
Vibration value does not exceed 2.5 m/s^2		
Maximum slope rating, stowed position		25% (14°)
Maximum side slope rating, stowed position		25% (14°)

Note: Slope rating is subject to ground conditions and adequate traction.

Drive speeds		
Stowed, maximum	2.2 mph	3.5 km/h
Platform raised, maximum	0.5 mph 40 ft/54 sec	0.8 km/h 12.2 m/54 sec

Floor loading information		
Tire load, maximum	1700 lbs	804 kg
Tire contact pressure	170 psi	12.48 kg/cm^2 1223 kPa
Occupied floor pressure	287 psf	1401 kg/m^2 13.76 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Specifications

Model		GS-2046
Height, working maximum	26 ft	7.9 m
Height, platform maximum	20 ft	6.1 m
Height, stowed maximum	84 in	2.14 m
Height, stowed maximum rails folded	61 in	1.55 m
Platform height, stowed maximum	40.8 in	1.04 m
Height, guard rails	39 in	99 cm
Width	46 in	1.16 m
Length, stowed	96 in	2.44 m
Length, platform extended	131 in	3.33 m
Platform extension length	35 in	88.9 cm
Platform dimensions, (length x width)	89 x 45.5 in	2.26 x 1.16 m
Maximum load capacity	1200 lbs	544 kg
Maximum wind speed	28 mph	12.5 m/s
Wheelbase	73 in	1.85 m
Turning radius (outside)	90 in	2.29 m
Turning radius (inside)	0 in	0 cm
Ground clearance	4 in	10.2 cm
Ground clearance Pothole guards deployed	0.75 in	1.9 cm
Weight (Machine weights vary with option configurations. See serial label for specific machine weight.)	3883 lbs	1761 kg

Power source		4 Batteries, 6V 225AH
Controls		Proportional
AC outlet in platform		standard
Maximum hydraulic pressure (functions)	3500 psi	241 bar
System voltage		24V
Tire size		15 x 5 x $11\frac{1}{4}$
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		<70 dB
Vibration value does not exceed 2.5 m/s^2		
Maximum slope rating, stowed position		30% (17°)
Maximum side slope rating, stowed position		30% (17°)
Note: Slope rating is subject to ground conditions and adequate traction.		
Drive speeds		
Stowed, maximum	2.1 mph	3.4 km/h
Platform raised, maximum	0.6 mph 40 ft/45 sec	1.0 km/h 12.2 m/45 sec
Floor loading information		
Tire load, maximum	2035 lbs	923 kg
Tire contact pressure	204 psi	14.32 kg/cm^2 1403 kPa
Occupied floor pressure	184 psf	899 kg/m^2 8.82 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Specifications

Model		GS-2646
Height, working maximum	32 ft	9.8 m
Height, platform maximum	26 ft	7.9 m
Height, stowed maximum	89 in	2.26 m
Height, stowed maximum rails folded	66 in	1.68 m
Platform height, stowed maximum	45.6 in	1.16 m
Height, guard rails	39 in	99 cm
Width	46 in	1.17 m
Length, stowed	96 in	2.44 m
Length, platform extended	131 in	3.33 m
Platform extension length	35 in	88.9 cm
Platform dimensions, (length x width)	89 x 45.5 in	2.26 x 1.16 m
Maximum load capacity	1000 lbs	454 kg
Maximum wind speed	28 mph	12.5 m/s
Wheelbase	73 in	1.85 m
Turning radius (outside)	90 in	2.29 m
Turning radius (inside)	0 in	0 cm
Ground clearance	4 in	10.2 cm
Ground clearance Pothole guards deployed	0.75 in	1.9 cm
Weight (Machine weights vary with option configurations. See serial label for specific machine weight.)	4207 lbs	1908 kg

Power source		4 Batteries, 6V 225AH
Controls		Proportional
AC outlet in platform		standard
Maximum hydraulic pressure (functions)	3500 psi	241 bar
System voltage		24V
Tires size		15 x 5 x $11\frac{1}{4}$
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		<70 dB
Vibration value does not exceed 2.5 m/s^2		
Maximum slope rating, stowed position		30% (17°)
Maximum side slope rating, stowed position		30% (17°)
Note: Slope rating is subject to ground conditions and adequate traction.		
Drive speeds		
Stowed, maximum	2.2 mph	3.5 km/h
Platform raised, maximum	0.6 mph 40 ft/45 sec	1.0 km/h 12.2 m/45 sec
Floor loading information		
Tire load, maximum	2150 lbs	975 kg
Tire contact pressure	215 psi	15.13 kg/cm^2 1483 kPa
Occupied floor pressure	189 psf	922 kg/m^2 9.05 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Specifications

Model		GS-3246
Height, working maximum	38 ft	11.6 m
Height, platform maximum	32 ft	9.8 m
Height, stowed maximum	94 in	2.37 m
Height, stowed maximum rails folded	71 in	1.80 m
Platform height, stowed maximum	50.5 in	1.28 m
Height, guard rails	39 in	99 cm
Width	46 in	1.17 m
Length, stowed	96 in	2.44 m
Length, platform extended	131 in	3.33 m
Platform extension length	35 in	88.9 cm
Platform dimensions, (length x width)	89 x 45.5 in	2.26 x 1.16 m
Maximum load capacity	700 lbs	318 kg
Maximum wind speed	28 mph	12.5 m/s
Wheelbase	73 in	1.85 m
Turning radius (outside)	90 in	2.29 m
Turning radius (inside)	0 in	0 cm
Ground clearance	4 in	10.2 cm
Ground clearance Pothole guards deployed	0.75 in	1.9 cm
Weight (Machine weights vary with option configurations. See serial label for specific machine weight.)	5143 lbs	2333 kg

Power source		4 Batteries, 6V 225AH
Controls		Proportional
AC outlet in platform		standard
Maximum hydraulic pressure (functions)	3500 psi	241 bar
System voltage		24V
Tire size		15 x 5 x $11\frac{1}{4}$
Airborne noise emissions Maximum sound level at normal operating workstations (A-weighted)		<70 dB
Vibration value does not exceed 2.5 m/s^2		
Maximum slope rating, stowed position		25% (14°)
Maximum side slope rating, stowed position		25% (14°)
Note: Slope rating is subject to ground conditions and adequate traction.		
Drive speeds		
Stowed, maximum	2.2 mph	3.5 km/h
Platform raised, maximum	0.6 mph 40 ft/45 sec	1.0 km/h 12.2 m/45 sec
Floor loading information		
Tire load, maximum	2251 lbs	1021 kg
Tire contact pressure	225 psi	15.84 kg/cm^2 1552kPa
Occupied floor pressure	210 psf	1026 kg/m^2 10.07 kPa

Note: Floor loading information is approximate and does not incorporate different option configurations. It should be used only with adequate safety factors.

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Distributed By:

Genie North America
Phone 425.881.1800
Toll Free USA and Canada
800.536.1800
Fax 425.883.3475

Genie Australia Pty Ltd.
Phone +61 7 3375 1660
Fax +61 7 3375 1002

Genie China
Phone +86 21 53852570
Fax +86 21 53852569

Genie Malaysia
Phone +65 98 480 775
Fax +65 67 533 544

Genie Japan
Phone +81 3 3453 6082
Fax +81 3 3453 6083

Genie Korea
Phone +82 25 587 267
Fax +82 25 583 910

Genie Brasil
Phone +55 11 41 665 755
Fax +55 11 41 665 754

Genie Holland
Phone +31 183 581 102
Fax +31 183 581 566

Genie Scandinavia
Phone +46 31 575100
Fax +46 31 579020

Genie France
Phone +33 (0)2 37 26 09 99
Fax +33 (0)2 37 26 09 98

Genie Iberica
Phone +34 93 579 5042
Fax +34 93 579 5059

Genie Germany
Phone +49 (0)4202 88520
Fax +49 (0)4202 8852-20

Genie U.K.
Phone +44 (0)1476 584333
Fax +44 (0)1476 584334

Genie Mexico City
Phone +52 55 5666 5242
Fax +52 55 5666 3241

Genie®
A TEREX BRAND

Parts Manual

Serial Number Range

Super Straddle

from SS08-2976

Part No. 115403
Rev C11
October 2012

Technical Publications

Genie Industries has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Genie policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Genie of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

http://www.genieindustries.com
e-mail: awp.techpub@terex.com

Serial Number Information

Genie Industries offers the following Parts Manuals for these models:

Title	Part No
Genie Super Straddle Parts Manual, First Edition, Third Printing (from serial number 1001-2292 to 1002-111893 and from SS02-1375 to SS07-2975)	33570

Copyright © 1994 by Genie Industries
115403 Rev C July 2009
Second Edition, Third Printing

"Genie" and "Super Straddle" are registered trademarks of Genie
Industries in the USA and many other countries.

Printed on recycled paper

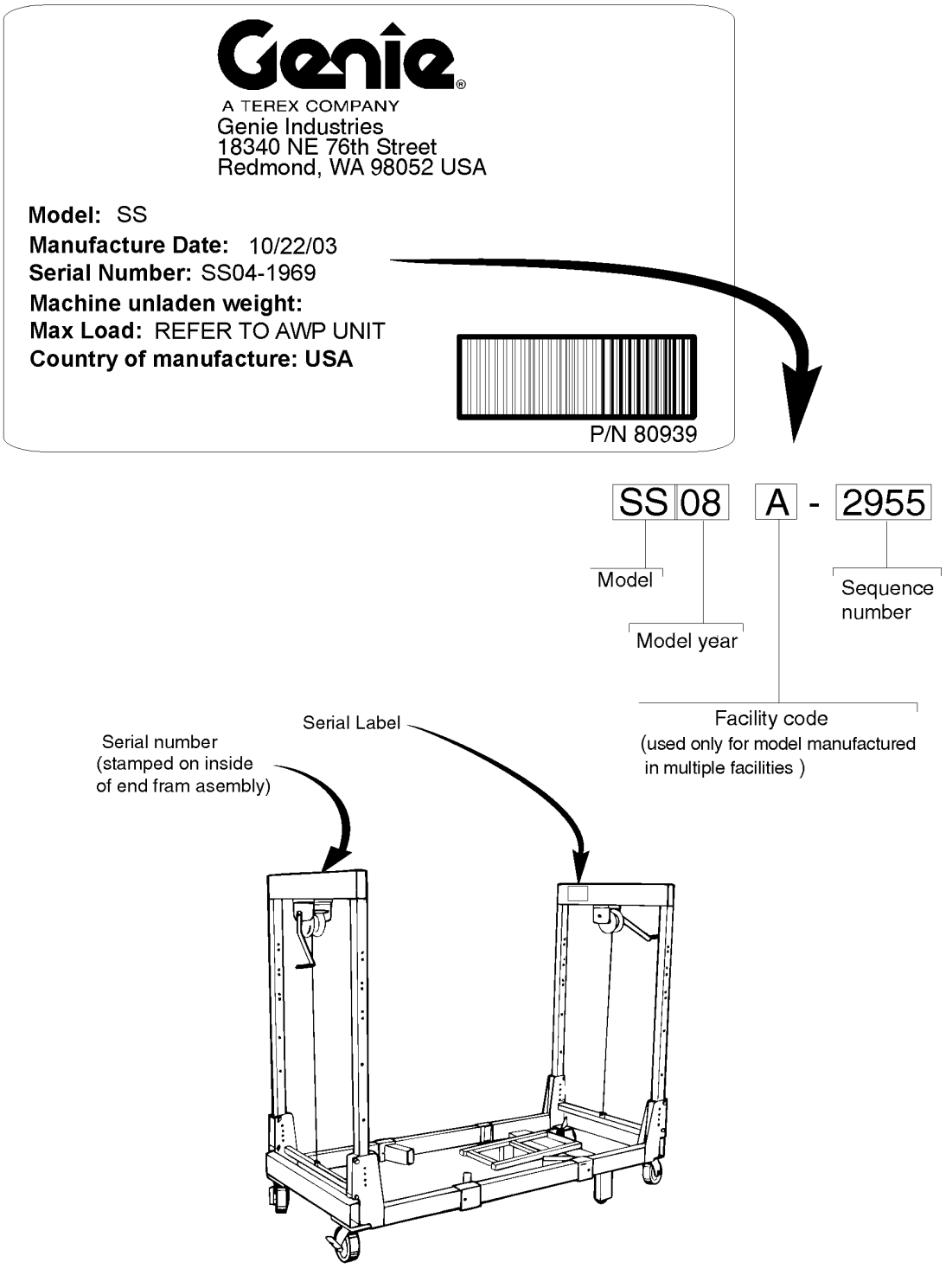

A TEREX COMPANY
Genie Industries
18340 NE 76th Street
Redmond, WA 98052 USA
Model: SS
Manufacture Date: 10/22/03
Serial Number: SS04-1969
Machine unladen weight:
Max Load: REFER TO AWP UNIT
Country of manufacture: USA
P/N 80939
SS 08 A - 2955
Model
Model year
Facility code
(used only for model manufactured in multiple facilities)
Sequence number
Serial Label
Serial number
(stamped on inside
of end fram asembly)

Table of Contents

This manual is updated frequently. If you have a printed manual, you can keep it up to date by downloading new figures from the Genie website at www.genielift.com. For the most up-to-date parts information, visit the Parts Lookup System on the Genie website at www.genielift.com.

How to Read Your Serial Number.....3
Parts Stocking List.....7
How to Order Parts.....8
Service Parts Fax Order Form.....9

Electronic Version

Click on any page number to view the figure.

100 Decals
101.1 Decals with Words.....10
102.1 Decals with Symbols.....12

200 Straddle Components
201.1 Straddle Component Installation.....14
202.1 Main Frame Components.....18
203.1 End Frame Components.....22
204.1 Winch components.....26

Indices
Part Number Index.....28
Part Description Index.....29

Cross References

This Page Intentionally Left Blank

Notes

Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol	1484
Genie Gray Paint, 1 Gallon	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
Genie Super-Straddle Operator's Manual, Second Edition, Second Printing (from serial number SS08-2976)	133291
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.5 ..	31587

How To Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product:

- ☑ Machine model number
- ☑ Machine serial number
- ☑ Part number
- ☑ Part description and quantity
- ☑ Purchase order number
- ☑ "Ship to" address
- ☑ Desired method of shipment
- ☑ Name and telephone number of the authorized distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

Machine Information

Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number

North America
Telephone (425) 556-6551
Toll Free (877) 367-5606 in U.S.A. and Canada
Fax (425) 556-8659
Toll Free Fax (888) 274-6192

Europe
Parts Telephone (31) (165) 519 313
Parts Fax (31) (165) 511 148

Australia
Parts Telephone (61) (7) 3456 4444
Parts Fax (61) (7) 3456 4466

South America
Parts Telephone (55) (11) 4082 5600
Parts Fax (55) (11) 4082 5630

TEREX CORPORATION

Service Parts Fax Order Form

Fax to: (425) 556-8659 or Toll Free: 888-274-6192
International: +1-425-556-8659

Please fill out completely

Date _____ Account Number _____

Your Name _____ Your Fax Number _____

_____ Your Phone Number _____

Bill To _____ Ship To _____

_____ _____

_____ _____

_____ _____

Purchase Order Number _____ Ship Via _____

Model(s) _____ **Serial No.(s)** _____

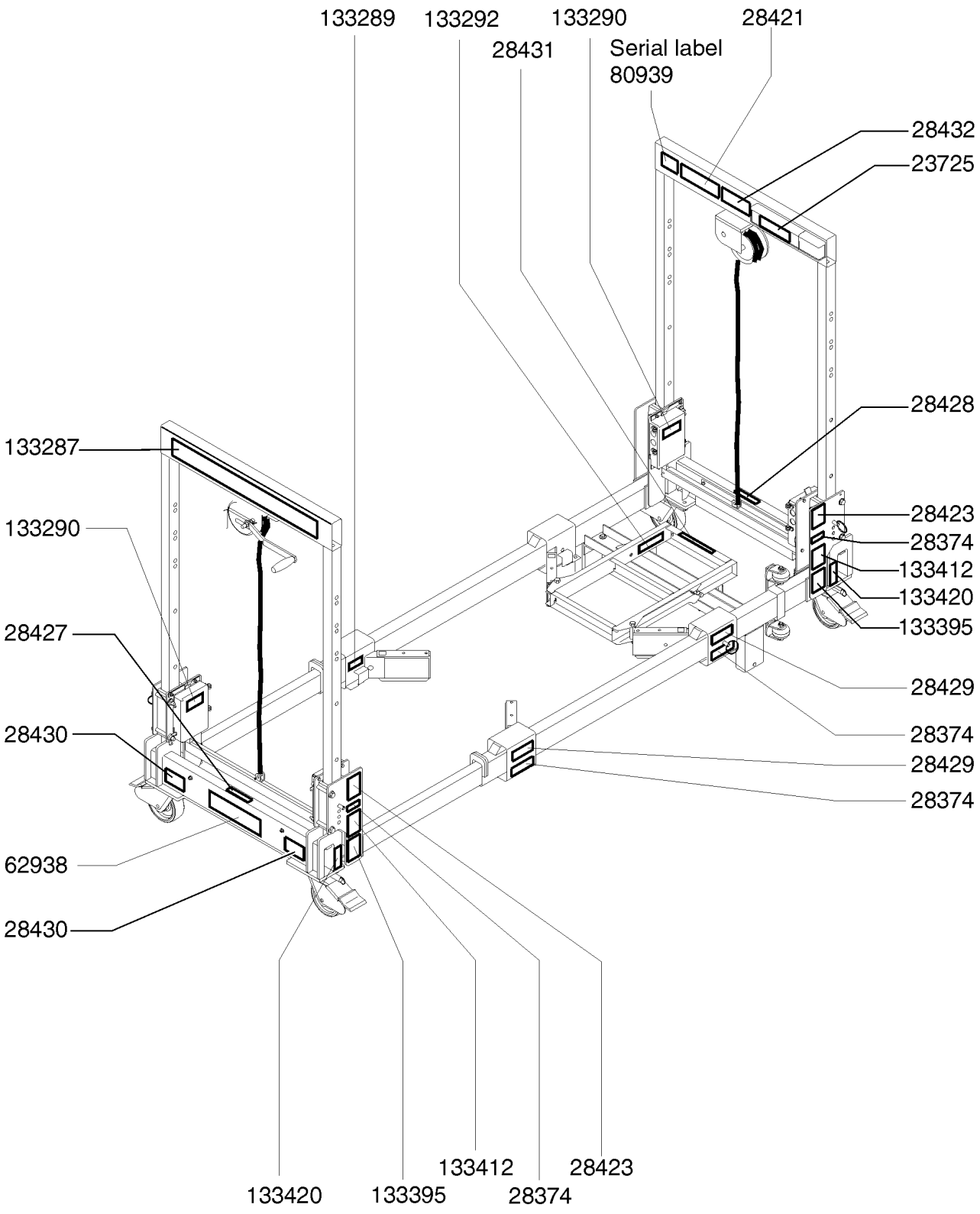
Optional Equipment _____

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as the original order unless Noted below:

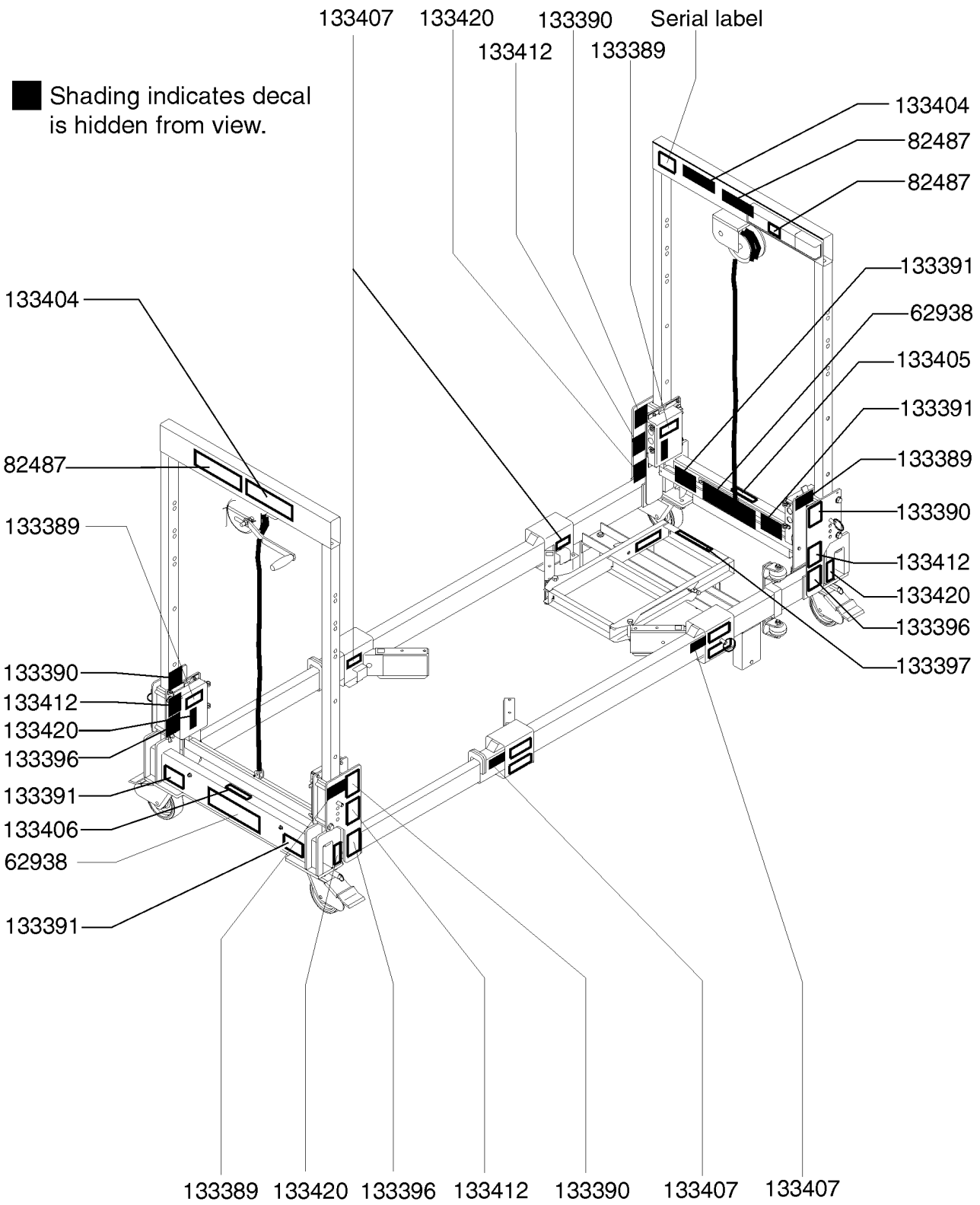
- ☐ Ship complete order only - No back orders
- ☐ Ship all available parts and contact customer on disposition of back-ordered parts
- ☐ Other (please specify)

101.1 Decals with Words



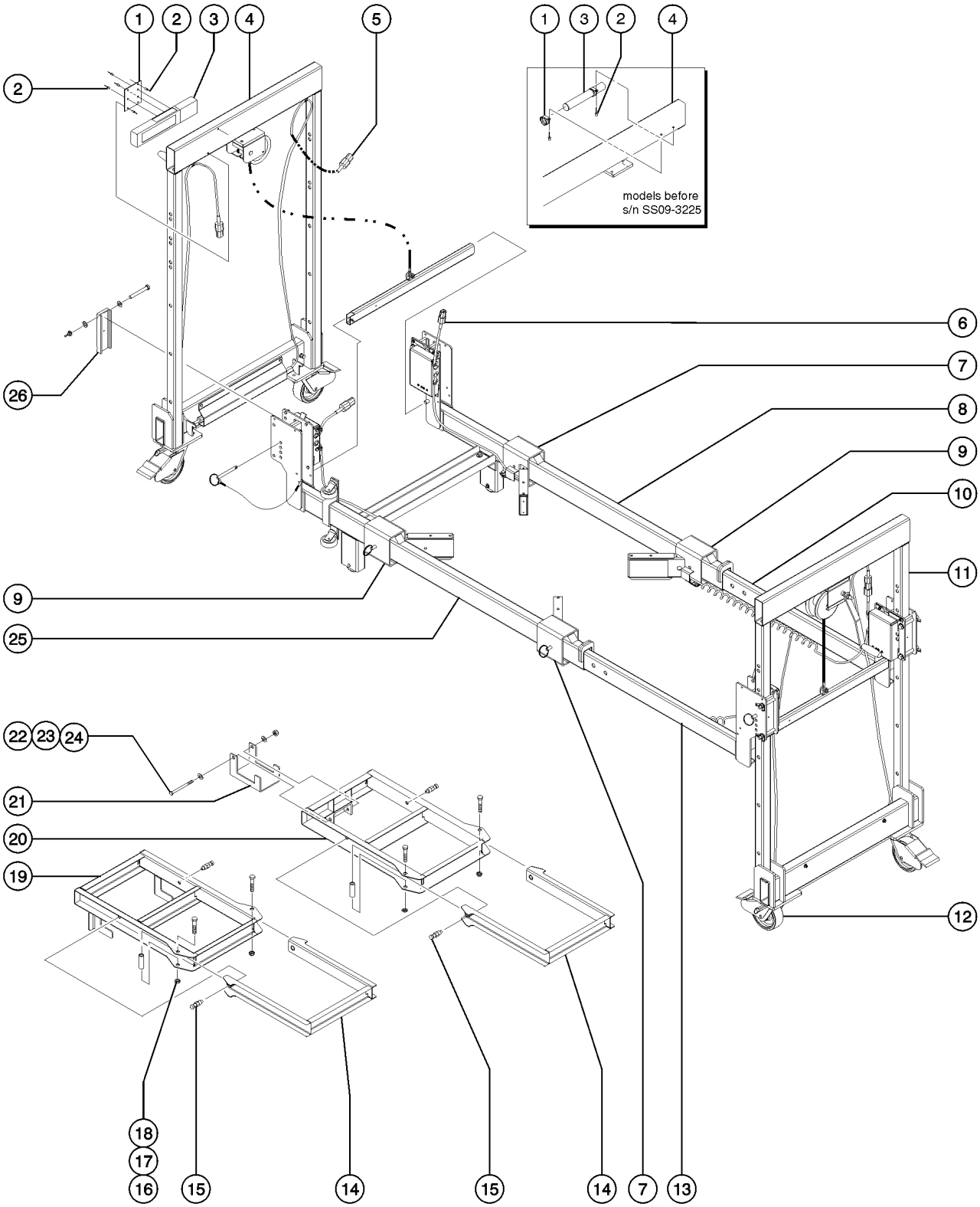
Item	Part No.	Description	Qty.
--	124712	WORD DECAL KIT, SS *includes all decals listed except for the serial number label.*	1
1	23725	DECAL,DANGER,FAIL.READ,1.5X5	1
2	28374	DECAL,RETAINING PIN,1.25 X 2.8	8
3	28421	DECAL,NOTICE-WINCH LUBRICATION	2
4	28423	DECAL,DANGER-INSTALL PINS	4
5	28427	DECAL,TELSESCOPING BASE FRAME	1
6	28428	DECAL,BASE FRAME	1
7	28429	DECAL,STRADDLE SOCKET	4
8	28430	DECAL,DANGER-INSTAL O.R.,BASE	4
9	28431	DECAL,DANGER-INSTAL O.R.,LADDR	1
10	28432	DECAL,NOTICE-FOOTPRINT	2
11	62938	DECAL,GENIE SUPER STRADDLE	2
12	80939	SERIAL # LABEL,MAT LIFT & SS** *must include model and serial number when ordering.*	1
13	133287	DECAL,DANGER,SAFETY/OP INST	2
14	133289	DECAL,LABEL,STRAD SOCKET PLUG	4
15	133290	DECAL,DANGER,TIP-OVER,LIMIT SW	4
16	133292	DECAL,NOTICE-LADDER STORAGE	1
--	28424	DECAL,NOTICE-LADDER STORAGE	1
17	133412	DECAL, PIN LIFT INST, SYM	4
18	133420	DECAL, OUTRIGGER LOADING	4
19	133395	DECAL,DANGER CRUSH HAZARD	4

102.1 Decals with Symbols



Item	Part No.	Description	Qty.
1	62938	DECAL,GENIE SUPER STRADDLE	2
2	82487	DECAL,SYMBOL-READ THE MANUAL	2
3	133390	DECAL,DANGER-INSTALL PINS SYM	4
4	133391	DECAL, DANGER-INSTALL O.R.,SYM	4
5	133389	DECAL, DANGER TIP OVER LS, SYM	4
6	133396	DECAL, DANGER -CRUSH HAZ SYM	4
7	133397	DECAL, DGR-INSTALL, LADDER SYM	1
8	133404	DECAL, INDOOR ONLY, SYMBOL *CE*	2
9	133405	DECAL, BASE FRAME SYMBOL	1
10	133406	DECAL, TELE BASE FRAME SYMBOL	1
11	133407	DECAL, SS SOCKET PLUG, SYMBOL	4
12	133412	DECAL, PIN LIFT INST, SYM	4
13	133420	DECAL, OUTRIGGER LOADING	4

201.1 Straddle Component Installation



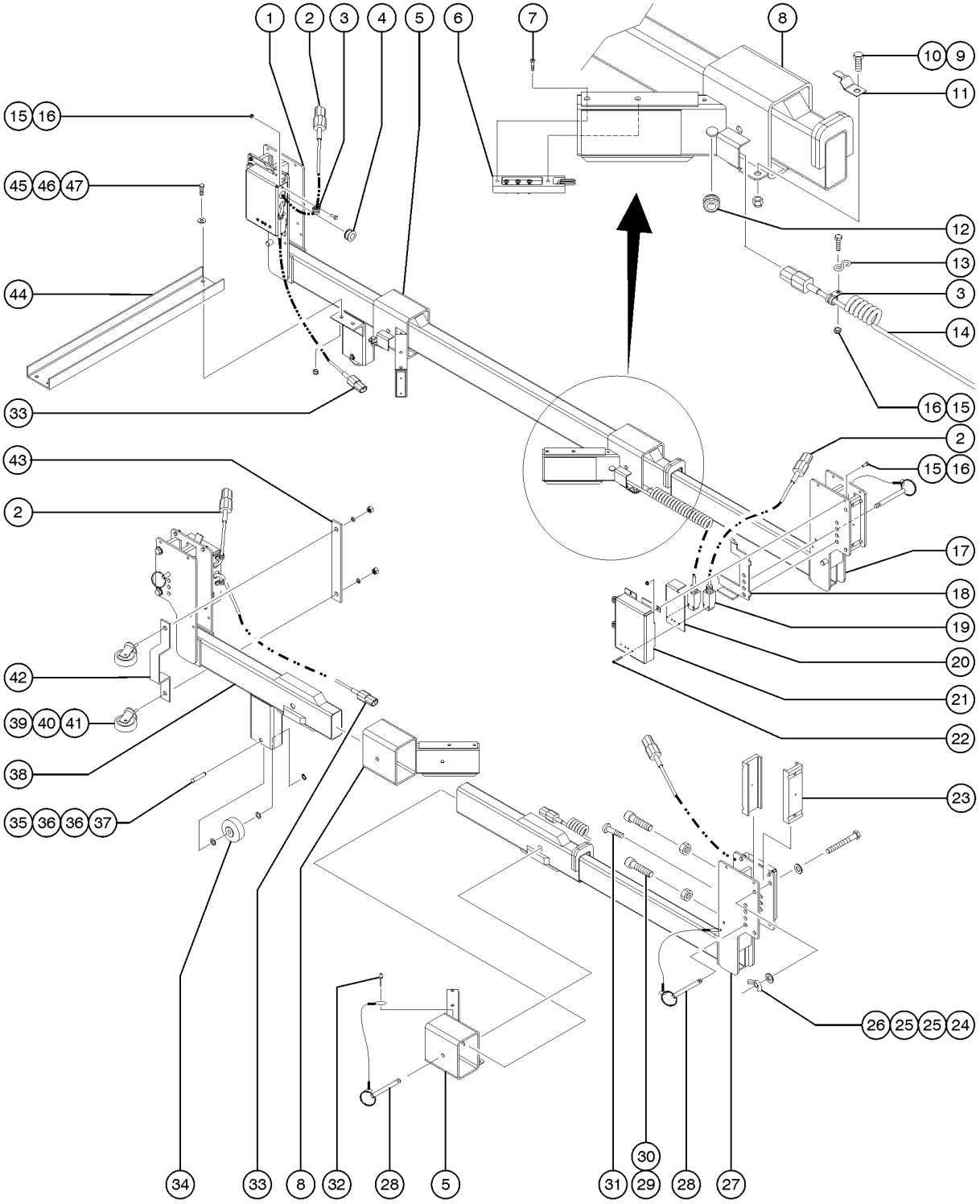
Item	Part No.	Description	Qty.
--	115404	LADDER ASSEMBLY WITH DECALS *(complete with word decals - USA, Canada, and Australia) (includes items 14-19) (refer to figure 101.1)*	1
--	T107059	ASSY, LADDER, SS ANSI/SYM *(complete with symbol decals - Asia and South America) (includes items 14-19) (refer to figure 102.1)*	1
--	T107066	ASSY, LADDER, SS CE *(complete with symbol decals - European) (includes items 14-18 and 20) (refer to figure 102.1)*	1
1A	145114	PLATE, MANUAL BOX MOUNT	1
1B	6653	CLAMP,1.88,#30 X 1/4,RUB CUSH	2
2	6271	RIVET,STL,STL.MAN,P,.25 X .25	5
3A	6600	INSTRUCT.TUBE W/CAPS-1.75 X 12	1
3B	145022	KIT, MANUAL BOX, WORD DEC *(complete with word decals - USA, Canada, and Australia) (includes item 2) (refer to 101.1)*	1
--	2223	LANYARD ASSY HOIST/AWP-7"**	
--	38728	INSTRUCTION TUBE,AWP96 %%	
--	6638	WASHER,FLAT,USS,1/4"Y	
3C	145037	KIT, MANUAL BOX, SYM DEC *(complete with symbol decals - Europe, Asia and South America) (includes item 2) (refer to 102.1)*	1
--	2223	LANYARD ASSY HOIST/AWP-7"**	
--	38728	INSTRUCTION TUBE,AWP96 %%	
--	6638	WASHER,FLAT,USS,1/4"Y	
4		Ref. END FRAME ASSEMBLY WITH DECALS *(refer to 203.1)*	
5		Ref. CABLE ASSEMBLY *(refer to 203.1)*	
6		Ref. CABLE ASSEMBLY,LIMIT SWITCH PIGTAIL *(Main Frame and Telescoping Frame) (refer to 202.1)*	
7		WLDT,OUTRGR SKT W/DECALS,RF/LR *(refer to 202.1)*	
8		Ref. FRAME ASSY W/DEC,MAIN FRAME,RH *(refer to 202.1)*	
9		Ref. WLDT,OUTRGR SKT W/DECALS,LF/RR *(refer to 202.1)*	
10		Ref. FRAME ASSY W/DECALS,TELES,RH *(refer to 202.1)*	
11		Ref. TELE END FRAME ASSY W/DEC COMP *(refer to 203.1)*	
12		Ref. CASTER *(refer to 203.1)*	
13		Ref. FRAME ASSY W/DECALS,TELES,LH *(refer to 202.1)*	
14	115155	LOWER LADDER ASSEMBLY *(includes item 15)*	1
--	32358-1100	TAPE,NON-SKID,1X11IN *(1 @ 11 inches)*	1
15	32375	PIN,LOCK,LONG***	2
16	6086	NUT,LP NYLOCK,1/2-13	2
17	35464-0225	TUBE,RD,ALM.75 X .11 X 2.25	2
18	10598	SCREW,HHC,1/2-13 X 3	2
19A	115154	UPPER LADDER ASSEMBLY W/DECAL *(word decals - USA, Canada, and Australia) (includes item 15) (refer to 101.1)*	1
--	32302-1200	TAPE,UHMW .75X.010X12 *(6 @ 12 inches)*	6
--	32358-1100	TAPE,NON-SKID,1X11IN *(3 @ 11 inches)*	3
19B	T107058	UPPER LADDER ASSEMBLY W/DECAL *(symbol decals - Europe, Asia and South America) (includes item 15) (refer to 102.1)*	
--	32302-1200	TAPE,UHMW .75X.010X12 *(6 @ 12 inches)*	6
--	32358-1100	TAPE,NON-SKID,1X11IN *(3 @ 11 inches)*	3
20	145039	LADDER ASSY UPPER, W/ SYM DEC *(symbol decals - European) (includes item 15) (refer to 102.1)*	
--	32302-1200	TAPE,UHMW .75X.010X12 *(6 @ 12 inches)*	6
--	32358-1100	TAPE,NON-SKID,1X11IN *(3 @ 11 inches)*	3

201.1 Straddle Component Installation (continued)

Item	Part No.	Description	Qty.
21	145018	FORMING, LADDER HOOK SS	
22	22786	SCREW,HHC,1/2-13 X 5.5	
23	13066	WASHER,FLAT,.5 HARDENED	
24	6198	NUT,NYLOCK,1/2-13	1
25		Ref. FRAME ASSY, W/ DECALS,MAIN,LH *(refer to 202.1)*	
26		Ref. WEAR PAD *(refer to 202.1)*	

This Page Intentionally Left Blank

202.1 Main Frame Components



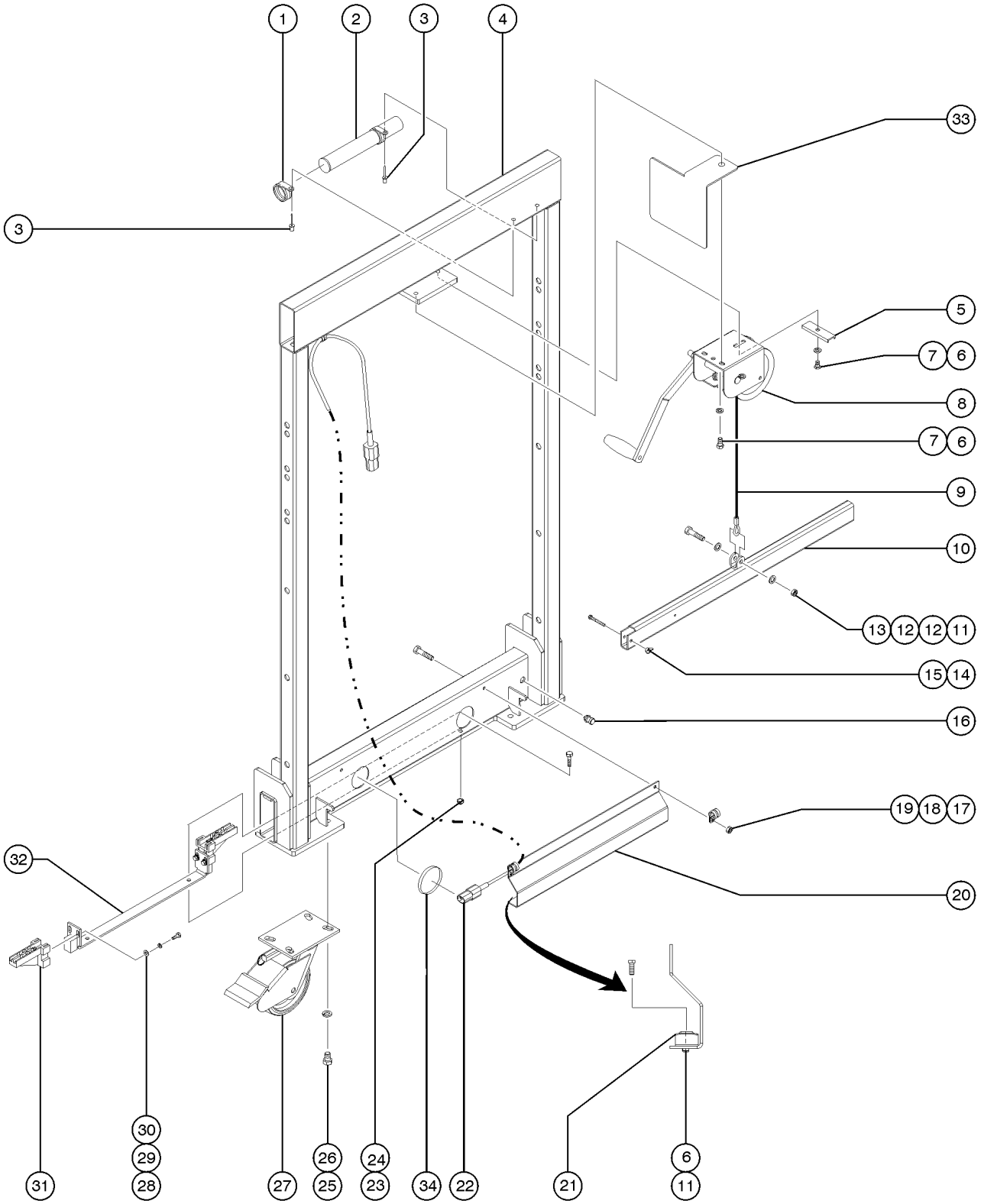
Item	Part No.	Description	Qty.
1A	115396	FRAME ASSY W/DECALS,MAIN, RH *(word decals) (refer to 101.1)*	1
1B	145033	FRAME ASSY W/DECALS, MAIN, RH *(symbol decals) (refer to 102.1)*	1
2	124715	CABLE ASSY,LIMIT SWTCH PIGTAIL *(Main Frame and Telescoping Frame)*	4
3	124728	CLAMP,0.44,#7X1/4,RUB CUSH	10
4	124759	GROMMET,RUBBER.5X.125X1.25	8
5A	115394	OUTRGR SKT, W/DECALS,RF/LR *standard (word decals) (refer to 101.1)*	2
5B	124959	SOCKET NRW,W/DECALS,RF/LR *narrow (word decals) (refer to 101.1)*	
5C	145029	SOCKET ASSY,W/ SYM DECAL,RF/LR *standard (symbol decals) (refer to 102.1)*	
5D	124035	SOCKET NRW, W/SYM DEC LF/RR *narrow (symbol decals) (refer to 102.1)*	
6	145121	CONTACT ASSEMBLY,SS	4
7	17626	SCREW,FHM,10-32 X .75	8
8A	115395	OUTRGR SKT, W/DECALS,LF/RR *standard (word decals) (refer to 101.1)*	2
8B	124958	SOCKET NRW,W/DECAL,LF/RR *narrow (word decals) (refer to 101.1)*	
8C	145030	SOCKET ASSY,W/ SYM DECAL,LF/RR *standard (symbol decals) (refer to 102.1)*	
8D	145036	SOCKET NRW, W/SYM DEC RF/LR *narrow (symbol decals) (refer to 102.1)*	
9	8255	SCREW,HHC,3/8-16 X .75	4
10	7713	NUT,LP NYLOCK,3/8-16	2
11	99346	CLIP, METAL MOUNTING	4
12	57457	GROMMET,RUBBER .44 X .938"OD	4
13	69625	S-HOOK	2
14	124703	CABLE ASSY,COIL CORD,OUTRGR,TF	2
15	6889	NUT,LP NYLOCK,1/4-20	22
16	6090	SCREW,HHC,1/4-20 X .7	22
17A	115398	FRAME ASSY W/DECALS,TELES,RH *(word decals) (refer to 101.1)*	1
17B	145032	FRAME ASSY,W/DEC SYM,TELES RH *(symbol decals) (refer to 102.1)*	1
18A	124690	RETAINING PIN LOCK PLATE *(Main Frame, RH and Telescoping Frame, LH)*	2
18B	124691	RETAINING PIN LOCK PLATE *(Main Frame, LH and Telescoping Frame, RH)*	2
19	124727	SWITCH,LIMIT,2 NO	8
20A	124692	SWITCH COVER DIVIDER BRACKET** *(Main Frame, RH and Telescoping Frame, LH)*	2
20B	124693	SWITCH COVER DIVIDER BRACKET** *(Main Frame, LH and Telescoping Frame, RH)*	2
21A	115400	COVER,LIMIT SWITCH,WDECALS** *(word decals) (Main Frame, RH and Telescoping Frame, LH) (refer to 101.1)*	2
21B	145079	COVER, SWITCH W SYM DEC MR TL *(symbol decals) (Main Frame, RH and Telescoping Frame, LH) (refer to 102.1)*	2
21C	115401	COVER,LIMIT SWITCH,WDECALS** *(word decals) (Main Frame, LH and Telescoping Frame, RH) (refer to 101.1)*	2
21D	145080	COVER, SWITCH W SYM DEC ML TR *(symbol decals) (Main Frame, LH and Telescoping Frame, RH) (refer to 102.1)*	2
22	51063	SCREW,PHILLIPS,RHM,10-32 X 1.5	16
23	29173	WEAR PAD,VERTICAL TUBE,SS	8
24	8886	NUT,WING,1/2-13	8
25	13066	WASHER,FLAT,.5 HARDENED	16
26	8220	SCREW,HHC,1/2-13 X 4 *(GR 5)*	8

202.1 Main Frame Components (continued)

Item	Part No.	Description	Qty.
27A	115399	FRAME ASSY W/DECALS,TELES,LH *(word decals) (refer to 101.1)*	1
27B	145034	FRAME ASSY,W/DEC SYM,TELES LH *(symbol decals) (refer to 102.1)*	1
28	11637	PIN ASSY, RETAINER, SS I & II	8
--	11636	PIN,BALL RET.-.5 X 4.0	
29	29447	SCREW,SHC,3/8-16 X 1.5	8
30	6022	NUT,HEX,3/8-16	8
31	11097	SCREW,PHM,10-32X1,SF.TAP.SLOT	4
32	6271	RIVET,STL,STL.MAN,P,.25 X .25	4
33	124705	CABLE ASSY,OUTRIGR PIGTAIL,MAINF	2
34	6087	WHEEL,ROLLER- 3 X .5 X 1.28	2
35	11757	WHEEL AXLE PIN,SS-2.20	2
36	6052	WASHER,SHIM,.5 X .875 X .063	8
37	17748	RETAINING RING,EXTERNAL SHF-50	2
38A	115397	FRAME ASSY, W/ DECALS, MAIN,LH *(word decals) (refer to 101.1)*	1
38B	145031	FRAME ASSY W/DEC SYM, MAIN,LH *(symbol decals) (refer to 102.1)*	
39	6416	CASTER, POST SW 2.5 X 1.0	2
40	6095	WASHER,FLAT,USS,1/2",Y	2
41	6198	NUT,NYLOCK,1/2-13	2
42	29189P	SS II BRKT CASTER MNT PAINTED	1
43	29190P	SS II MNT. BAR PAINTED	1
44	29278	SS II SUPPORT CHANNEL	1
45	6019	SCREW,HHC,3/8-16 X 1.25 GRD 5 *(GR 5)*	4
46	6097	WASHER,FLAT,USS,3/8",Y	4
47	4828	NUT,NYLOCK,3/8-16	4

This Page Intentionally Left Blank

203.1 End Frame Components



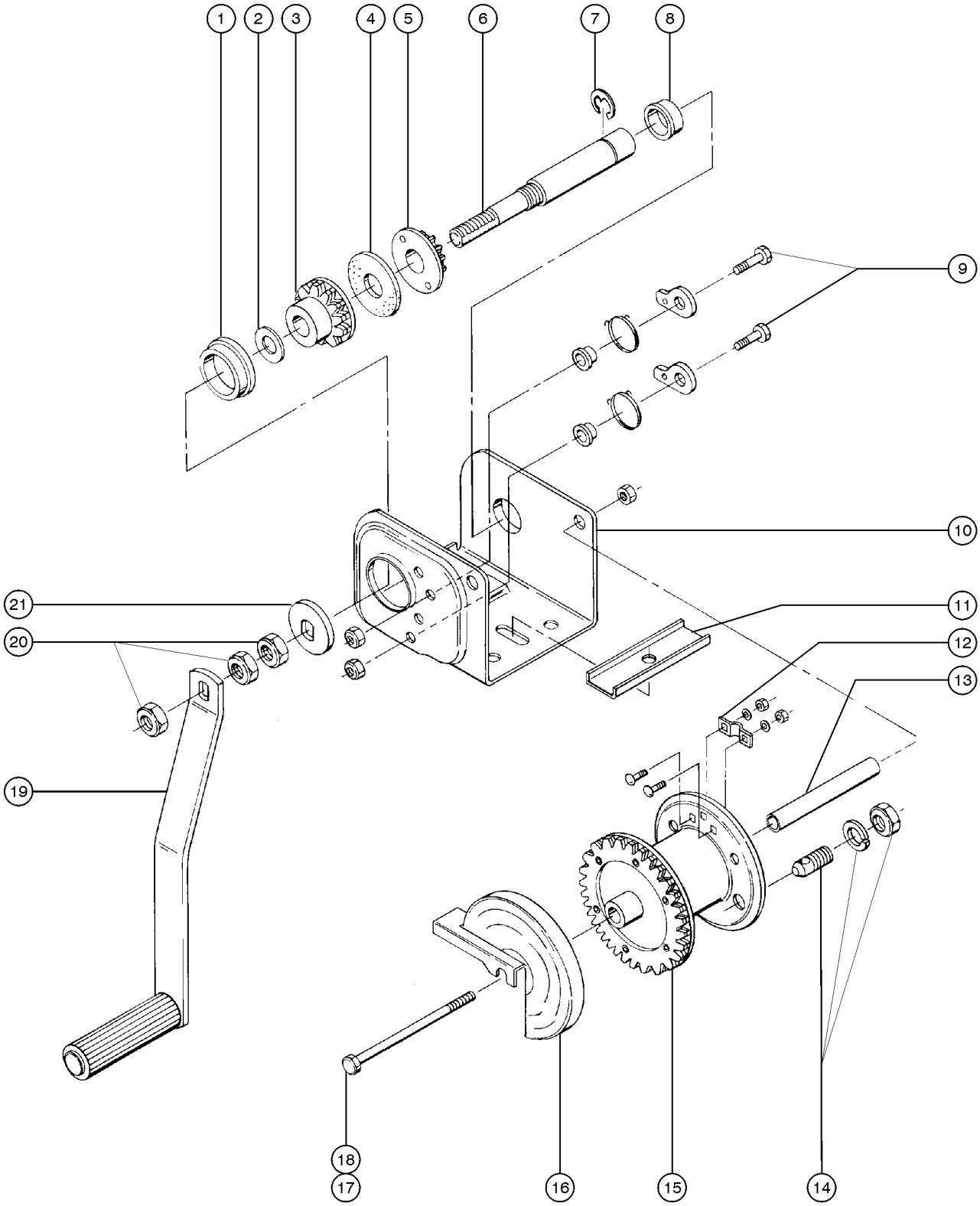
Item	Part No.	Description	Qty.
--	115389	TELE END FRAME ASSY,W/DECALS, COMP *(word decals - USA, Canada and Australia) (includes items 5-21, 23-32 and 34) (refer to 101.1)*	
--	115405	MAIN END FRAME ASSY,W/DECALS, COMP *(word decals - USA, Canada and Australia) (includes items 5-21, 23-32 and 34) (refer to 101.1)*	
--	T107062	MAIN END FRAME ASSY,W/DECALS, COMP *(symbol decals - Asia and South America) (includes items 5-21, 23-32 and 34) (refer to 102.1)*	
--	T107063	TELE END FRAME ASSY,W/DECALS, COMP *(symbol decals - Asia and South America) (includes items 5-22, 23-32 and 34) (refer to 102.1)*	
--	T107064	TELE END FRAME ASSY,W/DECALS, COMP *(symbol decals - European) (includes items 5-21 and 23-34) (refer to 102.1)*	
--	T107065	MAIN END FRAME ASSY,W/DECALS, COMP *(symbol decals - European) (includes items 5-21 and 23-34) (refer to 102.1)*	
1	6653	CLAMP,1.88,#30 X 1/4,RUB CUSH	2
2		Ref. INSTRUCT.TUBE W/CAPS-1.75 X 12 *(refer to 201.1)*	
3	6271	RIVET,STL,STL.MAN,P,.25 X .25	2
4A	115406	MAIN END FRAME ASSY W/DECALS *(word decals - USA, Canada and Australia) (includes items 5-8, 10-11, 17-21, 24-30 and 34) (refer to 101.1)*	1
--	145042	MAIN END FRAME ASSY W/DECALS,SYMBOL *(symbol decals - Asia and South America) (includes items 5-8, 1-11, 17-21, 24-30 and 34) (refer to 102.1)*	1
--	T107060	MAIN END FRAME ASSY W/CE SYM *(symbol decals - European) (refer to 102.1)*	1
4B	115390	TELE END FRAME ASSY,W/DECALS *(word decals - USA, Canada and Australia) (includes items 1-3, 5-21, 23-32 and 34)(refer to 101.1)*	1
--	145023	TELE END FRAME ASSY W/DEC SYM *(symbol decals - Asia and South America) (includes items 1-3, 5-21, 23-32 and 34) (refer to 102.1)*	1
--	T107061	TELE END FRAME ASSY,W/CE SYM *(symbol decals - European) (includes items 1-3, 5-21 and 23-34) (refer to 102.1)*	1
5A	15657P-S	WINCH REINFORCE.PLATE --(BLUE) *(USA, CSA, Asia and South America models)*	1
5B	145099	PLATE, WINCH STIFFENER SS CE *(European models)*	1
6	8255	SCREW,HHC,3/8-16 X .75 *(GR 5)*	5
7	6021	WASHER,LOCK,.375	5
8		Ref., Winch *(refer to 204.1)*	
9	11634	CABLE ASSY-SS II	1
10	33910	LIFT BAR ASSY, SS II *(includes items 9 and 11-15)*	1
--	29171	SS II LIFT FRAME WELDMENT	
11	7713	NUT,LP NYLOCK,3/8-16	3
12	6097	WASHER,FLAT,USS,3/8",Y	2
13	13918	SCREW,HHC,3/8-16 X 1.75,GRD.8	1
14	8170	NUT,WING,1/4-20	1
15	6145	SCREW,HHC,1/4-20 X 1.5 *(GR 5)*	1
16	6825	PIN,OUTRIGGER LOCK	2
17	6889	NUT,LP NYLOCK,1/4-20	2
18	124728	CLAMP,0.44,#7X1/4,RUB CUSH	4
19	6884	SCREW,HHC,1/4-20 X 2.5	2
20	124653	FORMING,BASE COVER	1
21	99346	CLIP, METAL MOUNTING	2
22	124704	CABLE ASSY-SS	1
23	4828	NUT,NYLOCK,3/8-16	2

203.1 End Frame Components (continued)

Item	Part No.	Description	Qty.
24	6175	SCREW,HHC,3/8-16 X 1	2
25	10587	SCREW,HHC,1/2-13 X .75	8
26	6033	WASHER,LOCK,0.5"	8
27	57743	CASTER, PL, SW LOCK, WB 6 X 2	2
28	6356	WASHER,LOCK,.25	4
29	75144	WASHER,FLAT,SAE 1/4",ZINC	4
30	6090	SCREW,HHC,1/4-20 X .7	4
31	124648	CONTACT ASSEMBLY, END FRAME	1
32	124825	WELDMENT,CONTACT ASSEMBLY	1
33	145008	FORMING, WINCH COVER SS *(European models)*	1
34	124672	GROMMET,RUBBER 2X.125X2.25	2

This Page Intentionally Left Blank

204.1 Winch components



Item	Part No.	Description	Qty.
--	14085	WINCH,KX-1051 (LESS HANDLE)*** *(handle not included)*	
1	6204	BUSHING, LARGE PINION, FULTON	1
2	14190	WASHER,THRUST, KX-1050,1051	1
3	14191	RATCHET GEAR ASSY, K-1050,1051	1
4	5157	FRICTION DISC, KX-1000,050,051	1
5	14193	PINION GEAR ASSY, KX-1050,1051	1
6	14194	PINION SHAFT, KX-1050,1051	1
7	6200	RETAINING RING	1
8	6199	BUSHING, SMALL PINION, FULTON	1
9	5156	RATCHET KIT,K-1000 SERIES,935	2
10	85221	WINCH FRAME (14085-WINCH)	1
11	15657P-S	WINCH REINFORCE.PLATE --(BLUE)	1
12	6190	CABLE KEEP.KIT (BRACKET TYPE)*	1
13	5320	SPACER, DRUM BOLT, K-1000,1050	1
14	9134	CABLE KEEP.KIT (THREADED STUD)	1
15	85222	WINCH DRUM (14085-WINCH)	1
16	5376	COVER, DRUM, KX-1000,050,051	1
17	12981	SCREW,HHC,3/8-16 X 4.5	1
18	12012	NUT,LOCK,3/8-16	1
19	16342	WINCH HANDLE-O.A.LENGTH-11"	1
20	6034	NUT,HEX,JAM,1/2-13	3
21	14189	PINION PLATE (KX/KH-1051,1050)	1

Part Number Index

The Part Number Index is a numeric index of all part numbers included in this manual. The index shows what page(s) the part is used on.

Part Number	Page
10587	24
10598	15–16
11097	20
115154	15–16
115155	15–16
115389	23–24
115390	23–24
115394	19–20
115395	19–20
115396	19–20
115397	20
115398	19–20
115399	20
115400	19–20
115401	19–20
115404	15–16
115405	23–24
115406	23–24
11634	23–24
11636	20
11637	20
11757	20
12012	27
124035	19–20
124648	24
124653	23–24
124672	24
124690	19–20
124691	19–20
124692	19–20
124693	19–20
124703	19–20
124704	23–24
124705	20
124712	11
124715	19–20
124727	19–20
124728	19–20, 23–24
124759	19–20
124825	24
124958	19–20
124959	19–20
12981	27
13066	16, 19–20
133287	11
133289	11
133290	11
133292	11
133389	13
133390	13
133391	13
133395	11
133396	13
133397	13
133404	13
133405	13
133406	13
133407	13
133412	11, 13
133420	11, 13
13918	23–24
14085	27
14189	27
14190	27
14191	27
14193	27
14194	27
145008	24
145018	16
145022	15–16
145023	23–24
145029	19–20
145030	19–20
145031	20
145032	19–20
145033	19–20
145034	20
145036	19–20
145037	15–16
145039	15–16
145042	23–24
145079	19–20
145080	19–20
145099	23–24
145114	15–16
145121	19–20
15657P-S	23–24, 27
16342	27
17626	19–20
17748	20
2223	15–16
22786	16
23725	11
28374	11
28421	11
28423	11
28424	11
28427	11
28428	11
28429	11
28430	11
28431	11
28432	11
29171	23–24
29173	19–20
29189P	20
29190P	20
29278	20
29447	20
32302-1200	15–16
32358-1100	15–16
32375	15–16
33910	23–24
35464-0225	15–16
38728	15–16
4828	20, 23–24
51063	19–20
5156	27
5157	27
5320	27
5376	27
57457	19–20
57743	24
6019	20
6021	23–24
6022	20
6033	24
6034	27
6052	20
6086	15–16
6087	20
6090	19–20, 24
6095	20
6097	20, 23–24
6145	23–24
6175	24
6190	27
6198	16, 20
6199	27
6200	27
6204	27
6271	15–16, 20, 23–24
62938	11, 13
6356	24
6416	20
6600	15–16
6638	15–16
6653	15–16, 23–24
6825	23–24
6884	23–24
6889	19–20, 23–24
69625	19–20
75144	24
7713	19–20, 23–24
80939	11
8170	23–24
8220	19–20
82487	13
8255	19–20, 23–24
85221	27
85222	27
8886	19–20
9134	27
99346	19–20, 23–24
T107058	15–16
T107059	15–16
T107060	23–24
T107061	23–24
T107062	23–24
T107063	23–24
T107064	23–24
T107065	23–24
T107066	15–16

Part Description Index

The Part Description Index is an alphabetical index of all part descriptions included in this manual. The index shows what page(s) the part is used on.

A

ASSY, LADDER, SS ANSI/SYM.....15–16
ASSY, LADDER, SS CE.....15–16

B

BUSHING, LARGE PINION, FULTON.....27
BUSHING, SMALL PINION, FULTON.....27

C

CABLE ASSY,COIL CORD,OUTRGR,TF....19–20
CABLE ASSY,LIMIT SWTCH PIGTAIL.....19–20
CABLE ASSY,OUTRIGR PIGTAIL,MAINF.....20
CABLE ASSY-SS.....23–24
CABLE ASSY-SS II.....23–24
CABLE KEEP.KIT (BRACKET TYPE)*.....27
CABLE KEEP.KIT (THREADED STUD).....27
CASTER, PL, SW LOCK, WB 6 X 2.....24
CASTER, POST SW 2.5 X 1.0.....20
CLAMP,0.44,#7X1/4,RUB CUSH.....19–20, 23–24
CLAMP,1.88,#30 X 1/4,RUB CUSH.....15–16, 23–24
CLIP, METAL MOUNTING.....19–20, 23–24
CONTACT ASSEMBLY, END FRAME.....24
CONTACT ASSEMBLY,SS.....19–20
COVER, DRUM, KX-1000,050,051.....27
COVER, SWITCH W SYM DEC ML TR.....19–20
COVER, SWITCH W SYM DEC MR TL.....19–20
COVER,LIMIT SWITCH,WDECALS**.....19–20

D

DECAL, DANGER -CRUSH HAZ SYM.....13
DECAL, BASE FRAME SYMBOL.....13
DECAL, DANGER TIP OVER LS, SYM.....13
DECAL, DANGER-INSTALL O.R.,SYM.....13
DECAL, DGR-INSTALL, LADDER SYM.....13
DECAL, INDOOR ONLY, SYMBOL.....13
DECAL, OUTRIGGER LOADING.....11, 13
DECAL, PIN LIFT INST, SYM.....11, 13
DECAL, SS SOCKET PLUG, SYMBOL.....13
DECAL, TELE BASE FRAME SYMBOL.....13
DECAL,BASE FRAME.....11
DECAL,DANGER CRUSH HAZARD.....11
DECAL,DANGER,FAIL.READ,1.5X5.....11
DECAL,DANGER,SAFETY/OP INST.....11
DECAL,DANGER,TIP-OVER,LIMIT SW.....11
DECAL,DANGER-INSTAL O.R.,BASE.....11
DECAL,DANGER-INSTAL O.R.,LADDR.....11
DECAL,DANGER-INSTALL PINS.....11
DECAL,DANGER-INSTALL PINS SYM.....13
DECAL,GENIE SUPER STRADDLE.....11, 13
DECAL,LABEL,STRAD SOCKET PLUG.....11
DECAL,NOTICE-FOOTPRINT.....11
DECAL,NOTICE-LADDER STORAGE.....11
DECAL,NOTICE-WINCH LUBRICATION.....11
DECAL,RETAINING PIN,1.25 X 2.8.....11
DECAL,STRADDLE SOCKET.....11
DECAL,SYMBOL-READ THE MANUAL.....13
DECAL,TELSESCOPING BASE FRAME.....11

F

FORMING, LADDER HOOK SS.....16
FORMING, WINCH COVER SS.....24
FORMING,BASE COVER.....23–24
FRAME ASSY W/DEC SYM, MAIN,LH.....20
FRAME ASSY W/DECALS, MAIN, RH....19–20
FRAME ASSY W/DECALS,MAIN, RH.....19–20
FRAME ASSY W/DECALS,TELES,LH.....20
FRAME ASSY W/DECALS,TELES,RH.....19–20
FRAME ASSY, W/ DECALS, MAIN,LH.....20
FRAME ASSY,W/DEC SYM,TELES LH.....20
FRAME ASSY,W/DEC SYM,TELES RH.....19–20
FRICTION DISC, KX-1000,050,051.....27

G

GROMMET,RUBBER .44 X .938"OD.....19–20
GROMMET,RUBBER 2X.125X2.25.....24
GROMMET,RUBBER.5X.125X1.25.....19–20

I

INSTRUCT.TUBE W/CAPS-1.75 X 12.....15–16
INSTRUCTION TUBE,AWP96 %%.....15–16

K

KIT, MANUAL BOX, SYM DEC.....15–16
KIT, MANUAL BOX, WORD DEC.....15–16

L

LADDER ASSEMBLY WITH DECALS.....15–16
LADDER ASSY UPPER, W/ SYM DEC.....15–16
LANYARD ASSY HOIST/AWP-7"**.....15–16
LIFT BAR ASSY, SS II.....23–24
LOWER LADDER ASSEMBLY.....15–16

M

MAIN END FRAME ASSY W/CE SYM....23–24
MAIN END FRAME ASSY W/DECALS.....23–24
MAIN END FRAME ASSY W/DECALS,SYMBOL.....23–24
MAIN END FRAME ASSY,W/DECALS, COMP.....23–24

N

NUT,HEX,3/8-16.....20
NUT,HEX,JAM,1/2-13.....27
NUT,LOCK,3/8-16.....27
NUT,LP NYLOCK,1/2-13.....15–16
NUT,LP NYLOCK,1/4-20.....19–20, 23–24
NUT,LP NYLOCK,3/8-16.....19–20, 23–24
NUT,NYLOCK,1/2-13.....16, 20
NUT,NYLOCK,3/8-16.....20, 23–24
NUT,WING,1/2-13.....19–20
NUT,WING,1/4-20.....23–24

O

OUTRGR SKT, W/DECALS,LF/RR.....19–20
OUTRGR SKT, W/DECALS,RF/LR.....19–20

P

PIN ASSY, RETAINER, SS I & II.....20
PIN,BALL RET.-.5 X 4.0.....20
PIN,LOCK,LONG***.....15–16
PIN,OUTRIGGER LOCK.....23–24
PINION GEAR ASSY, KX-1050,1051.....27
PINION PLATE (KX/KH-1051,1050).....27
PINION SHAFT, KX-1050,1051.....27
PLATE, MANUAL BOX MOUNT.....15–16
PLATE, WINCH STIFFENER SS CE.....23–24

R

RATCHET GEAR ASSY, K-1050,1051.....27
RATCHET KIT,K-1000 SERIES,935.....27
RETAINING PIN LOCK PLATE.....19–20
RETAINING RING.....27
RETAINING RING,EXTERNAL SHF-50.....20
RIVET,STL,STL.MAN,P,.25 X .25....15–16, 20, 23–24

S

S-HOOK.....19–20
SCREW,FHM,10-32 X .75.....19–20
SCREW,HHC,1/2-13 X .75.....24
SCREW,HHC,1/2-13 X 3.....15–16
SCREW,HHC,1/2-13 X 4.....19–20
SCREW,HHC,1/2-13 X 5.5.....16
SCREW,HHC,1/4-20 X .7.....19–20, 24
SCREW,HHC,1/4-20 X 1.5.....23–24
SCREW,HHC,1/4-20 X 2.5.....23–24
SCREW,HHC,3/8-16 X .75.....19–20, 23–24
SCREW,HHC,3/8-16 X 1.....24
SCREW,HHC,3/8-16 X 1.25 GRD 5.....20
SCREW,HHC,3/8-16 X 1.75,GRD.8.....23–24
SCREW,HHC,3/8-16 X 4.5.....27
SCREW,PHILLIPS,RHM,10-32 X 1.5.....19–20
SCREW,PHM,10-32X1,SF.TAP.SLOT.....20
SCREW,SHC,3/8-16 X 1.5.....20
SERIAL # LABEL,MAT LIFT & SS**.....11
SOCKET ASSY,W/ SYM DECAL,LF/RR.....19–20
SOCKET ASSY,W/ SYM DECAL,RF/LR.....19–20
SOCKET NRW, W/SYM DEC LF/RR.....19–20
SOCKET NRW, W/SYM DEC RF/LR.....19–20
SOCKET NRW,W/DECAL,LF/RR.....19–20
SOCKET NRW,W/DECALS,RF/LR.....19–20
SPACER, DRUM BOLT, K-1000,1050.....27
SS II BRKT CASTER MNT PAINTED.....20
SS II LIFT FRAME WELDMENT.....23–24
SS II MNT. BAR PAINTED.....20
SS II SUPPORT CHANNEL.....20
SWITCH COVER DIVIDER BRACKET**.....19–20
SWITCH,LIMIT,2 NO.....19–20

T

TAPE,NON-SKID,1X11IN.....15–16
TAPE,UHMW .75X.010X12.....15–16
TELE END FRAME ASSY W/DEC SYM.....23–24
TELE END FRAME ASSY,W/CE SYM....23–24
TELE END FRAME ASSY,W/DECALS.....23–24

Part Description Index (continued)

TELE END FRAME ASSY,W/DECALS, COMP.....23–24
TUBE,RD,ALM.75 X .11 X 2.25.....15–16

U

UPPER LADDER ASSEMBLY W/DECAL....15–16

W

WASHER,FLAT,.5 HARDENED.....16, 19–20
WASHER,FLAT,SAE 1/4",ZINC.....24
WASHER,FLAT,USS,1/2",Y.....20
WASHER,FLAT,USS,1/4"Y.....15–16
WASHER,FLAT,USS,3/8",Y.....20, 23–24
WASHER,LOCK,.25.....24
WASHER,LOCK,.375.....23–24
WASHER,LOCK,0.5".....24
WASHER,SHIM,.5 X .875 X .063.....20
WASHER,THRUST, KX-1050,1051.....27
WEAR PAD,VERTICAL TUBE,SS.....19–20
WELDMENT,CONTACT ASSEMBLY.....24
WHEEL AXLE PIN,SS-2.20.....20
WHEEL,ROLLER- 3 X .5 X 1.28.....20
WINCH DRUM (14085-WINCH).....27
WINCH FRAME (14085-WINCH).....27
WINCH HANDLE-O.A.LENGTH-11".....27
WINCH REINFORCE.PLATE --(BLUE).....23–24, 27
WINCH,KX-1051 (LESS HANDLE)***.....27
WLDT,OUTRGR SKT W/DECALS,RF/LR....15–16
WORD DECAL KIT, SS.....11

California Proposition 65

Warning

The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Distributed By:

Genie North America
Phone 425.881.1800
Toll Free USA and Canada 800.536.1800
Fax 425.883.3475

Genie Australia Pty Ltd.
Phone +61 7 3375 1660
Fax +61 7 3375 1002

Genie China
Phone +86 21 53852570
Fax +86 21 53852569

Genie Malaysia
Phone +65 98 480 775
Fax +65 67 533 544

Genie Japan
Phone +81 3 3453 6082
Fax +81 3 3453 6083

Genie Korea
Phone +82 25 587 267
Fax +82 25 583 910

Genie Brasil
Phone +55 11 41 665 755
Fax +55 11 41 665 754

Genie Holland
Phone +31 183 581 102
Fax +31 183 581 566

Genie Scandinavia
Phone +46 31 575100
Fax +46 31 579020

Genie France
Phone +33 (0)2 37 26 09 99
Fax +33 (0)2 37 26 09 98

Genie Iberica
Phone +34 93 579 5042
Fax +34 93 579 5059

Genie Germany
Phone +49 (0)4202 88520
Fax +49 (0)4202 8852-20

Genie U.K.
Phone +44 (0)1476 584333
Fax +44 (0)1476 584334

Genie Mexico City
Phone +52 55 5666 5242
Fax +52 55 5666 3241

Parts Manual

Super Straddle

from SS08-2976

Part No. 115403

Rev C11

Genie
A TEREX BRAND